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FEDERAL HORTICULTURAL BOARD

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SERVICE AND REGULATORY ANNOUNCEMENTS

ANNUAL LETTER OF INFORMATION NO. 37

Pests Collected from Imported Plants and Plant Products from January 1, 1923, to December 31, 1923, Inclusive

FOREWORD

In the future the Annual Letter of Information, listing the pests intercepted by representatives of the Federal Horticultural Board and State collaborators will be published as a supplement or addition to the Service and Regulatory Announcements. This Letter of Information was first issued as News Letter No. 1, February 2, 1914, and was discontinued under that title with the appearance of No. 18 on April 26, 1915. The title was then changed to Letter of Information, the first number being 19, which was issued July 14, 1915. The title was again changed after the issuance of No. 24, May 15, 1917, to Quarterly Letter of Information, the first number being 25, which appeared October, 1917, and the last, No. 33, October, 1919, after which it has been known as the Annual Letter of Information, the first issue of which (No. 34) appeared December 31, 1920.

The entomological and pathological information contained in this issue of the Annual Letter of Information was compiled by Messrs. H. L. Sanford and J. A. Stevenson, respectively. The record of interceptions herein given omits many interceptions of insects and plant diseases not considered injurious to the plant cultures of this country.

NOTES ON ENTOMOLOGICAL INTERCEPTIONS

FRUIT FLIES

The larvæ or maggots of the Mediterranean fruit fly, which is the most injurious and widespread of all fruit fly pests, and which, fortunately, has not become established in the United States, was found in grapes imported under permit from the Province of Almeria, Spain, during November and December, 1923, at the ports of New York, Boston, and Philadelphia. Inasmuch as the maggots were frequently taken in what appeared to be sound berries, showing little if any discoloration, or deterioration, they were extremely difficult to detect; in fact, approximately two-thirds of the total season's importation had entered and been distributed prior to the discovery of the infestation. Detailed information relative to this interception and the action taken by this department to prevent the further entry of grapes which may be the means of introducing fruit flies and other injurious insects is given in the Service and Regulatory Announcements of the Federal Horticultural Board No. 78, January–March, 1924, issued June, 1924, pages 16 to 20, inclusive.

Illustrating the need for carefully guarding all products entering the United States at various ports in limited as well as commercial quantities, maggots of fruit flies were intercepted in fruits and vegetables in the possession of passengers, ships' stores, ships' crews, as follows: The Mediterranean fruit fly, *Ceratitis capitata,* in loquat from Bermuda, apple from France, and the following fruits

from Hawaii: Avocado, coffee berries, peppers, rose apple, star apple, and *Jambosa malaccensis;* the West Indian fruit fly, *Anastrepha fraterculus*, in guava from Cuba and in mangoes and guava from Jamaica, and what appears to be the same insect in mangoes, sapodilla, and Malay apple from Jamaica; the Mexican fruit fly, *A. ludens*, in mangoes and oranges from Mexico, and what apparently is the Mexican fruit fly in avocado, mangoes, and oranges from the same country; *A.* sp., probably the West Indian fruit fly, in mangoes from Cuba, guava and mangoes from Jamaica, mangoes and plantains from Porto Rico, and oranges from Trinidad; the melon fly, *Bactrocera cucurbitae*, in cucumbers and papaya from Hawaii; and the olive fruit fly, *Dacus oleae*, in olive from Italy. It is evident that fruit flies may enter with products which are not classed as fruits or vegetables. For example, a shipment of palm seed from the Canal Zone was infested by the guava fruit fly, *Anastrepha serpentina;* and puparia of the olive fruit fly were found in straw used as packing for melons from Italy.

BULB INSECTS

Narcissus bulbs from China, England, France, and Holland were infested with the narcissus fly, *Merodon equestris*. The lesser bulb fly, *Eumerus strigatus*, was taken in narcissus bulbs from France and the Island of Guernsey and also in hyacinth bulbs from Holland. The bulb mite, *Rhizoglyphus hyacinthi*, was intercepted in various kinds of bulbs from China, England, France, Holland, the Island of Guernsey, and Japan. The European earwig, *Forficula auricularia*, was found with hyacinth bulbs from Holland. *Cryptothrips dentipes*, a European thrips, which is not known to occur in North America, was intercepted in shipments of lily bulbs from France.

INSECTS IN SOIL

Agriotes lineatus was found in soil about the roots of amaryllis from Germany. *A. sputator* and *Athous niger* were taken in soil about privet from Norway. The above wireworms, which are reported to be three of the most injurious field-crop pests of Europe, are not established in the United States.

The following earwigs were intercepted in soil about plants: *Anisolabis annulipes* from Dominican Republic, *A. marginalis* from Japan, *A.* sp. from Australia and Japan, and *Forficula* sp. from Italy.

The following ants were also found in soil about plants: *Lasius brevicornis*, and *Myrmica brevinodis* var. from Nova Scotia, *Lasius* sp. from Italy, *Myrmica laevinodis* from Germany, *M. ruginodis* from England and Sweden, *Pheidole* sp. from China and Japan, *Ponera* sp. from China, *Prenolepis* sp. from Jamaica, *Crematogaster* sp. from Bermuda, *Tetramorium caespitum* from China, England, Italy, and Japan, and *Monomorium floricola* from Brazil.

MISCELLANEOUS INSECTS

During the period under review, 127 species of scale insects and 30 species of ants, not including many which could be identified to the genus only, were intercepted.

Epicaerus cognatus, which apparently does not occur in the United States, was taken on two occasions in potatoes from Mexico. The pepper weevil, *Anthonomus eugenii*, recently reported as injurious in California and New Mexico, was intercepted in green chili peppers from Mexico. The mango weevil, *Sternochetus mangiferae*, a serious enemy of the mango, was found in mangoes from Hawaii. *Furcipes* (*Anthonomus*) *rectirostris*, not recorded from the United States, was taken in cherry seeds from Germany and Poland and in the seeds of *Prunus padus* from Poland. The banana root borer, *Cosmopolites sordidus*, a pest of banana and sugar cane, was intercepted in the former host from the Philippine Islands. Avocados from Mexico were infested with avocado weevil, *Heilipus lauri*, and an undescribed species of *Conotrachelus*. The former was also taken in avocados from Panama.

Sesamia cretica, the durra stem borer, an important enemy of durra and corn in Khartoum, Sudan, was taken in broom corn from Italy. The bean-pod borer, *Maruca testulalis*, which breeds in the pods of legumes, was found to infest green Lima beans from Cuba. Cotton seed from China, Dominican Republic, Egypt, England, Mexico and Porto Rico, and cotton bolls from Hawaii were infested with the pink bollworm, *Pectinophora gossypiella*. The dagger moth, *Acronycta auricoma*, *Calophasia lunula*, *Papilio podalirius*, and the sorrel cutworm, *Acronycta rumicis*, four Lepidoptera not recorded from this country, were intercepted on fruit and rose stocks from France. Nests of the white tree pierid,

Aporia crataegi, were taken on shipments of fruit stocks from the same country. *Dichomeris limitella*, a Microlepidopteron, not recorded from the United States, accompanied wisteria from Japan.

The citrus black fly, *Aleurocanthus woglumi*, was intercepted on spice leaves from the Bahama Islands, and on leaves of orange, tangerine and *Citrus* sp. from Jamaica. The aphid, *Neotoxoptera tulipaella*, not reported from the United States, was taken on iris from England. *Thrips fuscipennis*, not definitely known to occur in this country, was found on chrysanthemum from England.

Baled broomcorn from Italy and Hungary, especially that from the latter country, in a number of instances showed a heavy infestation with larvæ of the European corn borer, *Pyrausta nubilalis*. All shipments of broomcorn are safeguarded by thorough sterilization at commercial plants operated in New York and Boston.

Nests of the brown-tail moth, *Euproctis chrysorrhoea*, and egg masses of the gipsy moth, *Porthetria dispar*, were taken on fruit stocks from France. Shipments of raw cork from France were also found to harbor egg masses of the gipsy moth.

NOTES ON PATHOLOGICAL INTERCEPTIONS

During the bulb shipping season samples of the various bulbs imported from Holland, France, Japan, and other foreign countries under the provisions of Item I of regulation 3 of Quarantine 37 were taken at the various ports and sent to Washington for examination. Over 800 such samples were received and examined. Particular attention was given to a search for the bulb nematode (*Tylenchus dipsaci*), which was found in some 10 samples of Holland-grown narcissus and hyacinth bulbs. In most instances these infestations were discovered in bulbs which to outward appearances were sound. The results of these examinations indicate that nematode-infested bulbs continue to be sent to this country. In addition to the nematode infestations, the Botrytis (*Sclerotium*) fungus was present in several cases.

Fruit and rose stocks have been found by the State inspectors with varying amounts of crown gall and hairy root; in most instances, however, less than 1 per cent.

As in previous years citrus canker has been intercepted on citrus fruit at Pacific coast ports and Honolulu. Black spot (*Phoma citricarpa*) has also been intercepted at these points. *Cercospora fumosa* was found on citrus leaves sent from Central Africa. The usual series of diseases of citrus, sugar cane, potatoes, orchids and other plants, the entry of which is under quarantine or regulation, were intercepted and examined.

List, by countries, of pests collected and reported from January 1 to December 31, 1923, inclusive

[All findings marked with an asterisk indicate State inspection]

Country of origin and name of pest	Host	Intercepted in—
ABYSSINIA		
Insects:		
Oxycarenus albidipennis (Lygasidae)	Gossypium sp. (cotton) fiber	District of Columbia.
AFRICA		
Insects:		
Anisolabis annulipes (earwig)	Solanum tuberosum (potato)	Pennsylvania.
Anthonomus grandis (boll weevil)	Unknown	South Carolina.
Aspidiotus hederae (ivy scale)	Citrus limonia (lemon)	Pennsylvania.
Caryopemon cruciger (Mylabridae)	Abrus precatorius (rasary-pea)	District of Columbia.
Chionaspis sp. (scale insect)	Leucadendron argenteum	New York.
Diplatys sp. (earwig)	Solanum tuberosum (potato)	Pennsylvania.
Laemophloeus sp. (Cucujidae)	Cracca vagilii (seeds)	District of Columbia.
Mylabris sp. (Mylabridae)	Ipomoea paolii (seed)	Do.
Do	Polycephalans tuberans (seed)	Do.
Phthorimaea operculella (potato-tuber moth).	Solanum tuberosum (potato) (6)	Pennsylvania.
Platystomid	Theobroma cacao (cocoa beans)	Do.
Pyralid	do	Do.
Rhizoglyphus hyacinthi (bulb mite)	Allium cepa (onion)	Do.
Rhizoglyphus phylloxera (mite)	Solanum tuberosum (potato)	Do.
Rhizoglyphus sp. (mite)	Coleopterous larvæ in potatoes	Do.
Sphaerocoris annulus var. ocellata (Scutelleridae).	Asparagus sp.	District of Columbia.

List, by countries, of pests collected and reported from January 1 to December 31, 1923, inclusive—Continued

Country of origin and name of pest	Host	Intercepted in—
(*Africa continued*)		
Diseases:		
Cercospora fumosa	Citrus sinensis (orange)	Pennsylvania.
Colletotrichum gloeosporioides	do	New York.
Penicillium	do	Massachusetts.
Ustilago hordei	Hordeum vulgare (barley)	District of Columbia.
Do	Hordeum vulgare var. sefra	Do.
Verticillium alboatrum	Solanum tuberosum (potato)	Pennsylvania.
ALASKA		
Insect:		
Ptenidium pullum (Ptilidae)	In soil about plants	District of Columbia.
ALGERIA		
Insects:		
Aspidiotus hederae (ivy scale)	Palm	New York.
Chrysomphalus sp. (scale insect)	Citrus aurantifolia (lime)	Pennsylvania.
Desmometopa m-nigrum (Agromyzidae).	Solanum tuberosum (potato)	Do.
Diaspis boisduvalii (Boisduval's scale)	Palm	New York.
Leucaspis pusilla (scale insect)	Pinus sp. (pine) cuttings	Pennsylvania.
Parlatoria pergandii (chaff scale)	Citrus sinensis (orange)	Do.
Parlatoria ziziphus (scale insect)	do	Do.
Rhizoglyphus hyacinthi (bulb mite)	Solanum tuberosum (potato) (2)	Do.
Do	Solanum tuberosum (potato)	Massachusetts.
Tychius sp. (Curculionidae)	Hordeum vulgare (barley)	District of Columbia.
ANTIGUA		
Insects:		
Aspidiotus lataniae (scale insect)	Cocus nucifera (coconut) (green)	New York.
Targionia hartii (scale insect)	Dioscorea sp. (yam)	District of Columbia.
Do	do	New York.
ARGENTINA		
Insects:		
Agromyzid (larvæ)	Orchid (leaves)	New York.
Aspidiotus lataniae (scale insect)	Cycas sp. (sago palm)	Do.
Aspidiotus perniciosus (San Jose scale)	Malus sylvestris (apple)	Pennsylvania.
Do	Prunus domestica (plum) (3)	New York.
Chionaspis citri (orange Chionaspis)	Citrus sinensis (orange)	Do.
Chrysomphalus aonidum (Florida red scale).	do	Pennsylvania.
Do	Cycas sp. (sago palm)	New York.
Chrysomphalus dictyospermi (scale insect).	Citrus sinensis (orange)	Do.
Do	Cycas sp. (sago palm)	Do.
Diaspis zamiae (scale insect)	Palm	Do.
Diatraea sp. (Pyralidae)	Holcus sorghum var. (broomcorn) (2)	California.*
Do	Holcus sorghum var. (broomcorn) (3)	New York.
Glyciphagus domesticus (mite)	Gossypium sp. (cottonseed)	Pennsylvania.
Hemichionaspis aspidistrae (aspidistra scale).	Aspidistra	New York.
Lepidosaphes beckii (purple scale)	Citrus limonia (lemon)	Do.
Do	Citrus sinensis (orange) (2)	Do.
Pseudococcus bromeliae (pineapple mealybug).	Ananas sativus (pineapple)	Do.
Pseudococcus citri (citrus mealybug)	Croton sp	Do.
Do	Ficus carica (fig tree)	Do.
Do	Vitis sp. (grape)	Do.
Pseudococcus nipae (palm mealybug)	Unknown	Do.
Saissetia hemisphaerica (hemispherical scale).	Citrus sinensis (orange)	Do.
Saissetia oleae (black scale)	Cycas sp. (sago palm)	Do.
Diseases:		
Actinomyces scabies	Solanum tuberosum (potato)	Florida.*
Cladosporium citri	Citrus sinensis (orange)	Pennsylvania.
Do	Citrus sp	New York.
Heterodera radicicola	Petroselinum hortense (parsley)	Do.
Monilia cinerea	Prunus domestica (plum)	Do.
Do	Prunus sp	Do.
AUSTRALIA		
Insects:		
Anisolabia sp. (earwig)	In soil about plants	Hawaii.*
Carpophilus sp. (Nitidulidae)	In peat packing around palm seeds	Pennsylvania.
Chalcid	Callitris robusta (cypress-pine) (seed)	District of Columbia
Chionaspis citri (orange Chionaspis)	Citrus nobilis (tangerine)	California.*
Chrysomphalus aurantii (California red scale).	Citrus limonia (lemon) (2)	Do.*
Do	Citrus nobilis (tangerine) (2)	Do.*
Do	Citrus sinensis (orange)	Do.*

List, by countries, of pests collected and reported from January 1 to December 31, 1923, inclusive—Continued

Country of origin and name of pest	Host	Intercepted in—
Australia (continued)		
Insects: (continued)		
Chrysomphalus dictyospermi (scale insect).	Citrus limonia (lemon)	California.*
Do	Citrus sinensis (orange)	Do.*
Chrysomphalus sp. (scale insect)	In package of plants	Hawaii.*
Coccotrypes sp. (Scolytidae)	Seaforthia elegans (palm) (seed)	District of Columbia.
Earwig	In package of plants	Hawaii.*
Ephestia sp. (Pyralidae)	Cordia myxa (seed)	District of Columbia.
Gracilariid	In seed pod of "Mi Rain"	Do.
Lamyctes sp. (myriopod)	In soil about plants	Hawaii.*
Lepidosaphes beckii (purple scale)	Citrus limonia (lemon) (2)	California.*
Do	Citrus nobilis (tangerine)	Do.*
Myriopod	In package of plants	Hawaii.*
Pheidole sp. (ant)	"Mi Rain"	District of Columbia.
Phthorimaea operculella (potato-tuber moth).	Solanum tuberosum (potato)	Hawaii.*
Porcellio sp. (isopod)	Palm seed and peat packing	Pennsylvania.
Do	In soil about plants	Hawaii.*
Pseudococcus macrozamiae (mealybug)	Cycad seed cluster	Do.*
Pseudococcus nipae (palm mealybug)	Cocos nucifera (coconut palm)	California.*
Scolytid	In peat packing around palm seeds	Pennsylvania.
Thoris sp. (Cerambycidae)	Eucalyptus sp	California.*
Volucella obesa (Syrphidae)	Allium cepa (onion)	Do.*
Diseases:		
Pestalozzia palmarum	Palm	California.
Puccinia graminis tritici	Triticum (wheat)	Do.
Ustilago tritici	do	Do.
AUSTRIA		
Insect:		
Coccus hesperidum (soft brown scale)	Laurus sp. (laurel)	New York.
AZORES		
Insects:		
Anisolabis annulipes (earwig)	In trunk containing fruits and vegetables.	Rhode Island.
Aonidia lauri (scale insect)	Portuguese "Lavareo"	Massachusetts.
Aspidiotus hederae (ivy scale)	Citrus limonia (lemon)	New York.
Aspidiotus lataniae (scale insect)	Ficus carica (fig) cuttings	Do.
Coccus sp. (scale insect)	Portuguese "Lavareo"	Massachusetts.
Diaspis bromeliae (scale insect)	Ananas sativus (pineapple)	New York.
Gnathocerus cornutus (Tenebrionidae)	Ipomoea batatas (sweet potato)	Massachusetts.
Lasius sp. (ant)	Colocasia sp. (inhame)	Rhode Island.
Lepidosaphes beckii (purple scale)	Citrus sinensis (orange) (2)	Massachusetts.
Pyralid	Corn husks used as packing	Do.
Rhizoglyphus hyacinthi (bulb mite)	Ananas sativus (pineapple)	Do.
Targionia bromeliae (scale insect)	Ananas sativus (pineapple) (3)	Do.
Do	Ananas sativus (pineapple)	New York.
Disease:		
Phragmidium sp	Rosa sp. (rose)	Massachusetts.
BAHAMA ISLANDS		
Insects:		
Aleurocanthus woglumi (citrus blackfly).	Spice leaves	Florida.*
Aleyrodes sp. (whitefly)	do	Do.*
Aphis nerii (aphid)	Nerium oleander (oleander)	New York.
Aphis sp. (aphid)	Rosa sp. (rose)	Florida.*
Aphid	Chrysantnemum sp	Do.*
Do	Rosa sp. (rose)	Do.*
Aspidiotus cocotiphagus (scale insect)	Cocos nucifera (coconut) (5)	Do.*
Do	Cocos nucifera (coconut)	New York.
Aspidiotus cyanophylli (scale insect)	Phoradendron flavescens (mistletoe)	Florida.*
Aspidiotus destructor (scale insect)	Musa sp. (banana)	Do.*
Aspidiotus lataniae (scale insect)	Achras sapota (sapodilla)	Do.*
Do	Rosa sp. (rose)	Do.*
Do	Thea (tea)	Do.*
Aspidiotus sp. (scale insect)	Rhizophora (mangrove)	Do.*
Do	Poinciana seed pod	Do.*
Asterolecanium pustulans (scale insect).	Annona squamosa (sugar apple)	Do.*
Do	Jasminum sp. (jasmine)	Do.*
Aulacaspis pentagona (West Indian peach scale).	Carica papaya (papaya)	New York.
Chionaspis citri (orange Chionaspis)	Citrus grandis (grapefruit)	Do.
Chloridea obsoleta (corn earworm)	Zea mays (corn) (4)	Florida.*
Chrysomphalus aonidum (Florida red scale).	Citrus aurantifolia (lime)	New York.
Do	Musa sp. (banana) leaves	Do.
Do	Rosa sp. (rose) (2)	Florida.*

List, by countries, of pests collected and reported from January 1 to December 31, 1923, inclusive—Continued

Country of origin and name of pest	Host	Intercepted in—
Bahama Islands (continued)		
Insects: (continued)		
Chrysomphalus aurantii (California red scale).	Citrus aurantifolia (lime)	New York.
Chrysomphalus dictyospermi (scale insect).	Citrus grandis (grapefruit)	Florida.*
Do	Rosa sp. (rose) (2)	Do.*
Chrysomphalus sp. (scale insect)	Cactus sp	Do.*
Coccus acuminatus (scale insect)	Jasminum sp. (jasmine)	Do.*
Do	Spice leaves	Do.*
Coccus hesperidum (soft brown scale)	Herb	Do.*
Coccus veridis (coffee scale)	Achras sapota (sapodilla)	Do.*
Do	Coffea sp. (coffee)	Do.*
Do	Spice	Do.*
Comstockiella sabalis (scale insect)	Palm	Do.*
Cylas formicarius (sweet-potato weevil)	Ipomoea batatas (sweet potato)	Do.*
Do	Ipomoea batatas (sweet potato) (2)	New York.
Diaspis boisduvalii (Boisduval's scale)	Cocos nucifera (coconut) (2)	Florida.*
Embia sp. (Embiidae)	Melia azedarach (chinaberry plant)	New York.
Frankliniella cephalica (thrips)	Rosa sp. (rose) leaf	Florida.*
Hemichionaspis minor (scale insect)	Bougainvillea sp	Do.*
Do	Fern	Do.*
Do	Hibiscus sp. (2)	Do.*
Hemichionaspis sp. (scale insect)	Gouania lupuloides (chew-stick)	New York.
Howardia biclavis (mining scale)	Achras sapota (sapodilla) (4)	Florida.*
Do	Annona cherimola (Jamaica apple)	Do.*
Do	Annona muricata (sour sop)	Do.*
Do	Annona squamosa (sugar apple)	Do.*
Do	Bougainvillea sp	Do.*
Do	Chrysophyllum cainito (star apple) (2)	Do.*
Do	Coffea sp. (coffee)	Do.*
Do	Jasminum sp. (jasmine)	Do.*
Do	Laurus sp. (bay) (bark)	Do.*
Do	Mammea americana (mamey)	New York.
Ischnaspis longirostris (thread scale)	Mangifera indica (mango)	Do.
Lepidosaphes beckii (purple scale)	Citrus grandis (grapefruit) (4)	Florida.*
Do	Citrus grandis (grapefruit) (2)	New York.
Do	Citrus sinensis (orange) (4)	Florida.*
Lepidosaphes sp. (scale insect)	Coccoloba uvifera (seagrape)	Do.*
Do	White torchwood	Do.*
Macrosiphum rosae (aphid)	Rosa sp. (rose) leaf	Do.*
Orthezia insignis (greenhouse Orthezia).	Herb	Do.*
Pseudaonidia articulatus (rufous scale)	Annona squamosa (sugar apple)	Do.*
Do	Artocarpus incisa (breadfruit)	Do.*
Do	Chrysophyllum cainito (star apple) (2)	Do.*
Do	Citrus aurantifolia (lime)	New York.
Do	Citrus sinensis (orange)	Florida.*
Do	Cocos nucifera (coconut)	Do.*
Do	Jasminum sp. (jasmine)	Do.*
Do	Laurus sp. (bay) leaf	Do.*
Do	Musa sp. (banana) (2)	Do.*
Do	Musa sp. (banana) leaves	New York.
Do	Oreodoxa regia (royal palm)	Florida.*
Pseudaonidia articulatus (rufous scale)	Rosa sp. (rose)	Do.*
Do	Spice (7)	Do.*
Do	Tamarindus indica (tamarind) (3)	Do.*
Do	Tamarindus indica (tamarind)	New York.
Pseudischnaspis alienus (scale insect)	Rosa sp. (rose)	Florida.*
Pseudococcus adonidum (long-tailed mealybug).	Oreodoxa regia (royal palm)	Do.*
Pseudococcus sp. (mealybug)	Spinacia sp. (spinach)	Do.*
Pseudococcus bromeliae (pineapple mealybug).	Ananas sativus (pineapple)	Do.*
Do	Jasminum sp. (jasmine)	Do.*
Pseudococcus calceolariae (sugar-cane mealybug).	Saccharum officinarum (sugar cane)	Do.*
Pseudococcus citri (citrus mealybug)	Annona squamosa (sugar apple)	Do.*
Do	Musa sp. (banana) (bark)	Do.*
Pseudococcus nipae (palm mealybug)	Annona muricata (sour sop)	Do.*
Do	do	New York.
Do	Annona squamosa (sugar apple)	Florida.*
Do	Artocarpus incisa (breadfruit)	Do.*
Pseudococcus virgatus (mealybug)	Melia azedarach (chinaberry)	New York.
Do	Croton	Florida.*
Do	do	New York.
Pseudococcus sp. (mealybug)	Dioscorea sp. (yam)	Florida.*
Do	Lilium sp. (lily)	Do.*
Do	Mangifera indica (mango)	New York.
Do	Spice leaves	Florida.*

List, by countries, of pests collected and reported from January 1 to December 31, 1923, inclusive—Continued

Country of origin and name of pest	Host	Intercepted in—
Bahama Islands (continued)		
Insects:[7] *(continued)*		
Pseudoparlatoria parlatorioides (scale insect).	Spice bush	Florida.*
Do	Thea (tea)	Do.*
Do	Unknown shrub	Do.*
Pyralid (Phycitinae)	Achras sapota (sapodilla)	New York.
Saissetia hemisphaerica (hemispherical scale).	Cycas sp. (sago palm)	Do.
Saissetia nigra (scale insect)	Annona muricata (sour sop)	Do.
Saissetia oleae (black scale)	Achras sapota (sapodilla)	Florida.*
Do	Annona cherimola (Jamaica apple)	Do.*
Do	Annona muricata (sour sop) (2)	Do.*
Do	Annona squamosa (sugar apple)	Do.*
Do	Canipe	Do.*
Do	Chrysophyllum cainito (star apple) (3)	Do.*
Do	Fern	Do.*
Do	Herb	Do.*
Do	Laurus sp. (laurel)	Do.*
Do	Musa sp. (banana)	Do.*
Do	Nerium oleander (oleander)	Do.*
Solenopsis geminata (ant)	Persea gratissima (avocado) leaves	New York.
Targionia hartii (scale insect)	Dioscorea sp. (yam) (3)	Do.
Targionia sacchari (scale insect)	Saccharum officinarum (sugar cane) (2)	Florida.*
Targionia sacchari (scale insect)	Saccharum officinarum (sugar cane)	New York.
Vinsonia stellifera (star scale)	Achras sapota (sapodilla) (2)	Florida.*
Do	Achras sapota (sapodilla)	New York.
Do	Laurus sp. (laurel)	Florida.*
Do	Musa sp. (banana)	Do.*
Do	Spice leaves (4)	Do.*
Diseases:		
Actinomyces scabies	Solanum tuberosum (potato)	Do.*
Spondylocladium atrovirens	do	Do.*
BARBADOS		
Insects:		
Chloridea obsoleta (corn earworm)	Cicer sp. (chick-pea) (green)	New York.
Cylas formicarius (sweet-potato weevil).	Ipomoea batatas (sweet potato)	Do.
Lepidosaphes beckii (purple scale)	Citrus aurantifolia (lime)	Pennsylvania.
Pyralid (Phycitinae)	Cicer sp. (chick-pea)	New York.
Targionia hartii (scale insect)	Dioscorea sp. (yam) (3)	Do.
BELGIUM		
Insects:		
Aspidiotus hederae (ivy scale)	Citrus limonia (lemon)	New York.
Do	Cymbidium cooperi plants (orchid)	District of Columbia.
Do	Cymbidium sp. (orchid)	Do.
Cecidomyiid	Dracaena	Do.
Chrysomphalus dictyospermi (scale insect).	Citrus sinensis (orange)	South Carolina.
Chrysomphalus sp. (scale insect)	Citrus limonia (lemon)	New York.
Lamyctes fulvicornis (myriopod)	In soil around potted begonia	Pennsylvania.
Lepidosaphes beckii (purple scale)	Citrus limonia (lemon)	New York.
Do	Citrus sinensis (orange)	South Carolina.
Pieris sp. (Pieridae)	Brassica oleracea (cabbage)	Do.
Psilocephala sp. (Therevidae)	In soil about aspidistra	New York.
Rhizoglyphus sp. (mite)	Solanum tuberosum (potato)	South Carolina.
Sciara sp. (Mycetophilidae)	do	Pennsylvania.
Do	do	South Carolina.
Diseases:		
Exobasidium vaccinii	Azalea indica (azalea)	Pennsylvania.
Fusarium	Solanum tuberosum (potato)	Do.
Phytophthora infestans	Solanum tuberosum (potato) (2)	Do.
Rhizoctonia solani	Solanum tuberosum (potato)	Do.
BERMUDA		
Insects:		
Anuraphis sp. (aphid)	Lilium sp. (lily)	Pennsylvania.
Aphis nerii (aphid)	Nerium oleander (oleander)	New York.
Aphis sp. (aphid)	Hibiscus sp. (2)	Do.
Armadillidium sp. (isopod)	In sand used as packing for lily bulbs	Do.
Aspidiotus cyanophylli (scale insect)	Cycas sp. (cycad)	Do.
Aspidiotus hederae (ivy scale)	do	Do.
Aspidiotus lataniae (scale insect)	do	Do.
Do	Hedera (ivy)	Do.
Do	Laurus sp. (laurel)	Do.
Do	Nerium oleander (oleander) leaves	Do.
Do	Palm	Do.
Aspidiotus spinosus (scale insect)	Cycas sp. (cycad)	Do.

List, by countries, of pests collected and reported from January 1 to December 31, 1923, inclusive—Continued

Country of origin and name of pest	Host	Intercepted in—
Bermuda (continued)		
Insects: (continued)		
Aspidiotus sp. (scale insect)	Cycas sp. (cycad) (2)	New York.
Aulacaspis pentagona (West Indian peach scale).	Bryophyllum sp. (3)	Do.
Do	Cycas revoluta (sago cycas)	Do.
Do	Cycas sp. (cycad) (2)	Do.
Do	Geranium sp	Do.
Do	Melon	Do.
Do	Nerium oleander (oleander) (8)	Do.
Do	Unknown	Do.
Do	Sedum (7)	Do.
Ceratitis capitata (Mediterranean fruit fly).	Eriobotrya japonica (loquat)	Do
Ceroplastes floridensis (Florida wax scale).	Nerium oleander (oleander)	Do
Ceroplastes sp. (wax scale)	Duranta repens (pigeon berry)	Do.
Do	Iresine (bloodleaf)	Do.
Do	Eriobotrya japonica (loquat)	Do.
Do	Persea gratissima (avocado)	Do.
Chloridea obsoleta (corn earworm)	Zea mays (corn)	Do.
Coccus elongatus (scale insect)	Croton sp	Do.
Coccus hesperidum (soft brown scale)	Dioscorea sp. (yam)	Do.
Coccus sp. (scale insect)	Cactus sp	Do.
Crematogaster sp. (ant)	Sand packing of Lilium sp. (lily)	Do.
Diaspis boisduvalii (Boisduval's scale)	Cocus nucifera (coconut)	Do.
Do	Palm	Do.
Eucalymnatus tessellatus (scale insect)	Eugenia sp	Do.
Do	Hedera (ivy)	Do.
Fiorinia fioriniae (scale insect)	do	Do.
Haplothrips dozieri (thrips)	Daisy	Do.
Heliothrips haemorrhoidalis (greenhouse thrips).	Croton sp. (leaves)	Do.
Howardia biclavis (mining scale)	Croton sp	Do.
Do	Iresine (bloodleaf)	Do.
Ligyrus gibbosus (Scarabaeidae)	Lilium sp. (lily)	Do.
Monomorium pharaonis (Pharoah's ant).	Croton sp	Do.
Do	Nerium oleander (oleander)	Do.
Morganella longispina (scale insect)	Carica papaya (papaya) (13)	Do.
Noctuid	Celeri graveolens (celery)	Do.
Do	Zea mays (corn)	Do.
Orthezia insignis (greenhouse Orthezia)	Iresine (bloodleaf)	Do.
Do	Nerium oleander (oleander)	Do
Orthezia sp. (scale insect)	Ligustrum (privet)	Do.
Pheidole megacephala (ant)	Vinca major (periwinkle)	Do.
Do	Rose sp. (rose)	Do.
Protopulvinaria pyriformis (scale insect).	Eugenia sp. (2)	Do.
Do	Unknown	Do.
Do	Hedera (ivy) (2)	Do.
Do	Nerium oleander (oleander)	Do.
Pseudaonidia articulatus (rufous scale)	Laurus sp. (laurel)	Do.
Pseudococcus boninsis (mealybug)	Saccharum officinarum (sugar cane)	Do.
Pseudococcus citri (citrus mealybug)	Nerium oleander (oleander)	Do.
Do	Unknown	Do.
Pseudococcus sp. (mealybug)	Dioscorea sp. (yam)	Do.
Do	Cymbopogon sp. (lemon grass)	Do.
Pseudoparlatoria sp. (scale insect)	Unknown	Do.
Pyralid (Phycitinae)	Nerium oleander (oleander)	Do.
Pyralid (Pyraustinae)	Celeri graveolens (celery)	Do.
Saissetia hemisphaerica (hemispherical scale).	Croton sp	Do.
Do	Cycas sp. (cycad) (4)	Do.
Do	Nerium oleander (oleander)	Do.
Saissetia nigra (scale insect)	Croton sp	Do.
Do	Hibiscus sp. (4)	Do.
Do	Stephanotis	Do.
Saissetia oleae (black scale)	Cycas sp. (cycad)	Do.
Do	Nerium oleander (oleander)	Do.
Saissetia sp. (scale insect)	Unknown	Do.
Do	Persea gratissima (avocado)	Do.
Succinea bermudensis (Mollusca)	In soil about Primula (primrose)	Do.
Targionia hartii (scale insect)	Dioscorea sp. (yam) (6)	Do.
Tineid	Carica papaya (papaya)	Do.
Do	Palm	Do.
Diseases:		
Puccinia antirrhini	Antirrhinum (cult.)	Do.
Septoria oleandrina	Nerium oleander (oleander)	Unknown.
Septoria petroselina var. apii	Apium petroselinum	New York.

List, by countries, of pests collected and reported from January 1 to December 31, 1923, inclusive—Continued

Country of origin and name of pest	Host	Intercepted in—
BOLIVIA		
Insect:		
Nysius californicus (Lygaeidae)	Gossypium sp. (cotton)	District of Columbia.
BRAZIL		
Insects:		
Anthomyiid	Solanum tuberosum (potato)	Louisiana.
Aspidiotus destructor (scale insect)	Palm leaf	Maryland.
Aspidiotus hederae (ivy scale)	Palm	New York.
Azya sp. (Coccinellidae)	Magnifera indica (mango)	District of Columbia.
Chrysomphalus aonidum (Florida red scale).	Citrus sinensis (orange) (2)	New York.
Chrysomphalus aonidum (Florida red scale).	Mangifera indica (mango) (3)	District of Columbia
Do	Palm	New York.
Chrysomphalus dictyospermi (scale insect).	Mangifera indica (mango) (2)	District of Columbia.
Coccus viridis (coffee scale)	Mangifera indica (mango)	Do.
Do	Persea gratissima (avocado)	New York.
Coccus sp. (scale insect)	Citrus sinensis (orange)	Do.
Cossonid	Dried bamboo wood	District of Columbia.
Cryptolestes pussillus (Cucujidae)	Phaseolus sp. (beans)	California.*
Cubaris sp. (isopod)	In soil about Mangifera indica (mango) plants.	District of Columbia.
Curculionid	Theobroma cacao (cocoa leaves)	Pennsylvania.
Diaspis boisduvalii (Boisduval's scale)	Orchid leaves	New York.
Eriococcus araucariae (scale insect)	Evergreen	Do.
Glyciphagus domesticus (mite)	Citrus sp. (leaves)	Pennsylvania.
Hemichionaspis aspidistrae (aspidistra scale).	Aspidistra sp	New York.
Hemichionaspis minor (scale insect)	Dracaena massangeana	District of Columbia.
Do	Plant cuttings	California.*
Hemichionaspis sp. (scale insect)	Citrus sinensis (orange)	New York.
Howardia biclavis (mining scale)	Mangifera indica (mango)	District of Columbia.
Hypothenemus sp. (Scolytidae)	Zea mays (corn) (seed)	Do.
Ischnaspis longirostris (thread scale)	Mangifera indica (mango) (2)	Do.
Lasius sp. (ant)	Citrus sp. (leaves)	Pennsylvania.
Lepidosaphes beckii (purple scale)	Citrus grandis (grapefruit)	Louisiana.
Do	Citrus sinensis (orange) (4)	New York.
Do	Citrus sinensis (orange)	Pennsylvania.
Do	do	South Carolina.
Do	Citrus sp. (leaves)	Pennsylvania.
Monomorium floricola (ant)	In soil about Mangifera indica (mango).	District of Columbia
Morganella longispina (scale insect)	Mangifera indica (mango)	Do.
Parlatoria brasiliensis (scale insect)	Citrus grandis (grapefruit) (leaves and twigs).	Louisiana.
Parlatoria proteus (scale insect)	Mangifera indica (mango)	District of Columbia.
Do	Orchid	New York.
Porcellio sp. (isopod)	In soil about Mangifera indica (mango) plant.	District of Columbia.
Prolabia archidis (earwig)	Bonemeal	Washington.
Do	Bertholletia (Brazil nut)	Do.
Pseudaonidia trilobitiformis (scale insect).	Mangifera indica (mango) (3)	District of Columbia.
Pseudaonidia sp. (scale insect)	Mangifera indica (mango)	Do.
Pseudococcus nipae (palm mealybug)	Palm (leaf)	Maryland.
Pyralid	Bertholletia (Brazil nut)	New York.
Rhizogyphus sp. (mite)	Solanum tuberosum (potato)	Louisiana.
Do	do	Pennsylvania.
Toxoptera aurantiae (aphid)	Mangifera indica (mango) plant	District of Columbia.
Triglyphothrix striatidens (ant)	Citrus sinensis (orange)	New York.
Vinsonia stellifera (star scale)	Mangifera indica (mango) plant	District of Columbia.
Diseases:		
Actinomyces scabies	Solanum tuberosum (potato)	Do.
Do	do	Florida.*
Aspergillus niger	Dracaena massangeana	Do.*
Do	Dracaena terminalis	Do.*
BRITISH COLUMBIA		
Insects:		
Saissetia hemisphaerica (hemispherical scale).	Rubus sp. (wild raspberry) cuttings	California.*
Slugs	Celeri graveolens (celery)	Hawaii.*
BRITISH GUIANA		
Insects:		
Aspidiotus cydoniae (scale insect)	Orchid	Hawaii.*
Ischnaspis longirostris (thread scale)	Enterpe edulis	District of Columbia.

List, by countries, of pests collected and reported from January 1 to December 31, 1923, inclusive—Continued

Country of origin and name of pest	Host	Intercepted in—
BRITISH HONDURAS		
Insects:		
Aspidiotus lataniae (scale insect)	Palm	Florida.*
Cheyletus sp. (mite)	do	Do.*
Parlatoria pergandii (chaff scale)	Citrus aurantifolia (lime)	Do.*
BRITISH WEST INDIES		
Insects:		
Lepidosaphes beckii (purple scale)	Citrus aurantifolia (lime) (2)	New York.
Pseudaonidia articulatus (rufous scale)	Citrus aurantifolia (lime)	Do.
Pseudococcus citri (citrus mealybug)	Dioscorea sp. (yam)	District of Columbia
Rhizoglyphus sp. (mite)	Hevea brasiliensis (Para rubber)	Do.
Scolytid	Hevea brasiliensis (Pararubber) (seed)	Do.
Sitophilus linearis (tamarind pod-borer).	Tamarindus indica (tamarind)	New York.
Targionia hartii (scale insect)	Dioscorea sp. (yam)	District of Columbia.
Do	Dioscorea sp. (yam) (2)	New York.
Tetramorium caespitum (ant)	Unknown	Do.
CANADA		
Insects:		
Carpocapsa pomonella (codling moth)	Malus sylvestris (apple)	California.*
Lepidosaphes sp. (scale insect)	Aralia hispida plant (bristly aralia)	District of Columbia
Diseases:		
Bacterium tumefaciens	Rosa var. Ophelia (rose)	Do.
Peridermium coloradense	Picea sp. (spruce)	British Columbia.
CANAL ZONE		
Insects:		
Anastrepha serpentina (Trypetidae)	Palm seed	District of Columbia.
Anisolabis sp. (earwig)	Orchid	Do.
Aphis gossypii (aphid)	Unknown	New York.
Araecerus fasciculatus (coffee-bean weevil).	Canangium odoratum (dried fruit and seed) (ylang-ylang).	District of Columbia.
Do	Dioscorea sp. (yam)	New York.
Aspidiotus lataniae (scale insect)	Melia azedarach (chinaberry)	Do.
Caryoborus chiviquensis (Mylabridae)	Palm seed	District of Columbia.
Ceroplastes sp. (wax scale)	Melia azedarach (chinaberry tree)	New York.
Cyphomyrmex rimosus var. minutus (ant).	In box with orchid plants	District of Columbia.
Diaspis sp. (scale insect)	Elaeis melococcus (seed)	Do.
Eurytomid	Triplaris cumingiana	Do.
Heliothrips haemorrhoidalis (greenhouse thrips).	Croton sp. (2)	Louisiana.
Lepidosaphes beckii (purple scale)	Citrus grandis (grapefruit)	California.*
Do	Citrus sinensis (orange) (2)	Do.*
Lepidosaphes sp. (scale insect)	Croton sp. (2)	New York.
Do	Croton sp	Louisiana.
Mylabris 4-maculatus var. (Mylabridae).	Phaseolus sp. (bean) (3)	District of Columbia.
Ortalid	Solanum tuberosum (potato)	Pennsylvania.
Orthezia praelonga (scale insect)	Croton sp	New York.
Parlatoria pergandii crotonis (scale insect).	do	Louisiana.
Pseudaonidia articulatus(rufous scale)	Citrus sinensis (orange) (2)	California.*
Pseudococcus sp. (mealybug)	Persea gratissima (avocado) seedling	New York.
Ptilium sp. (Ptilidae)	In box with old dead wood and orchid plant.	District of Columbia.
Pyralid (Epipaschiinae)	Phaseolus sp. (bean)	Do.
Targionia hartii (scale insect)	Dioscorea sp. (yam)	New York.
CAPE COLONY		
Insect:		
Chrysomphalus aurantii (California red scale).	Citrus sinensis (orange)	California.*
CENTRAL AMERICA		
Insects:		
Aspidiotus cyanophylli (scale insect)	Musa sp. (banana) (16)	California.*
Aspidiotus cyodniae (scale insect)	Musa sp. (banana) (2)	Do.*
Aspidiotus scutiformis (scale insect)	Musa sp. (banana)	Do.*
Azteca sp. (ant)	do	Do.*
Camponotous sp. (ant)	do	Do.*
Ceramidia scintillocollaris (Syntomidae).	do	Do.*
Chloridea obsoleta (corn earworm)	Lycopersicum esculentum (tomato)	Do.*
Chrysomphalus dictyospermi (scale insect).	Musa sp. (banana)	Do.*
Chrysomphalus scutiformis (scale insect).	Citrus nobilis (tangerine)	Do.*
Coccus herperidum (soft brown scale)	Musa sp. (banana)	Do.*

List, by countries, of pests collected and reported from January 1 to December 31, 1923, inclusive—Continued

Country of origin and name of pest	Host	Intercepted in—
Central America (continued)		
Insects: (continued)		
Dialeurodes citri (citrus whitefly)	Citrus nobilis (tangerine)	California.*
Iridomyrmex humilis (Argentine ant)	Musa sp. (banana) (3)	Do.*
Lepidosaphes beckii (purple scale)	Citrus nobilis (tangerine)	Do.*
Do	Citrus sinensis (orange)	Do.*
Lepidosaphes gloverii (Glover's scale)	Citrus nobilis (tangerine)	Do.*
Pseudaonidia articulatus (rufous scale)	Citrus sinensis (orange)	Maryland.
Pseudococcus maritimus (mealybug)	Musa sp. (banana) (2)	California.*
Pseudococcus sp. (mealybug)	Ananas sativus (pineapple)	Do.*
Do	Musa sp. (banana) (5)	Do.*
Saissetia olae (black scale)	Citrus nobilis (tangerine) plant	Do.*
Disease:		
Phomopsis citri	Citrus grandis (grapefruit)	Do.*
CHILE		
Insects:		
Anthomyiid larvæ	Solanum tuberosum (potato)	New York.
Aspidiotus hederae (ivy scale)	Hedera (ivy)	Do.
Aspidiotus lataniae (scale insect)	Vitis sp. (grape) (cuttings)	Do.
Aspidiotus sp. (scale insect)	Hedera (ivy)	Do.
Caryoborus sp. (Mylabridae)	Tamarindus indica (tamarind)	Do.
Ceratophis lataniae (palm aphid)	Palm (2)	Do.
Chrysomphalus aonidum (Florida red scale).	Palm (leaves)	Do.
Coccus sp. (scale insect)	Hedera (ivy)	Do.
Eriococcus araucariae (scale insect)	Araucaria sp	Do.
Mylabris spinipes (Mylabridae)	Acacia cavenia (cavenia)	California.*
Olethreutid	Araucaria sp	New York.
Ormenis quadripunctata (Fulgoridae)	Amygdalus persica (peach)	District of Columbia.
Phthorimaea operculella (potato-tuber moth).	Solanum tuberosum (potato) (3)	New York.
Do	Solanum tuberosum (potato)	Pennsylvania.
Phycitinae	Tamarindus indica (tamarind)	New York.
Pseudococcus adonidum (long-tailed mealybug).	Palm	Do.
Pseudococcus nipae (palm mealybug)	Palm (2)	Do.
Saissetia oleae (black scale)	Tilia sp. (linden)	Do.
Sitophilus linearis (tamarind pod-borer).	Tamarindus indica (tamarind) (2)	Do.
CHINA		
Insects:		
Anthonomus sp. (Curculionidae)	Prunus sp. (seed)	District of Columbia.
Aspidiotus cryptoxanthus (scale insect).	Juglans sp. (walnut) (3)	Do.
Aspidiotus sp. (scale insect)	Castanae sp. (chestnut) cuttings (2)	Do.
Aspidiotus sp. (scale insect)	Juglans sp. (walnut) (2)	Do.
Do	Palm	Pennsylvania.
Do	Pyrus sp. (pear cions)	District of Columbia.
Attagenus sp. (Dermestidae)	Petrosilinum sp. (parsley) seed	Do
Aulacaspis pentagona (West Indian peach scale).	Castanea sp. (chestnut) cuttings	Do.
Do	Juglans sp. (walnut) cions (2)	Do
Balaninus sp. (Curculionidae)	Castanea sp. (chestnut) (4)	Do.
Do	Castanopsis sp. (2)	Do.
Do	Quercus sp. (oak)	Do.
Do	Unknown	Do.
Chaetococcus bambusae (scale insect)	Bamboo	Do.
Chionaspis citri (orange Chionaspis)	Citrus sp.	California.*
Chionaspis sp. (scale insect)	Castanea sp. (chestnut) (2)	District of Columbia.
Chrysomphalus aonidum (Florida red scale).	Citrus grandis (grapefruit)	California.*
Chrysomphalus aurantii (California red scale).	do	Do *
Corcyra cephalonica (Pyralidae)	Phaseolus sp. (beans)	Do.*
Crematogaster sp. (ant)	Dioscorea sp. (yam) (2)	Hawaii.*
Cylas formicarius (sweet-potato weevil)	Ipomoea batatas (sweet potato) (4)	California.*
Do	Ipomoea batatas (sweet potato) (2)	Hawaii.*
Embiid	Ficus sp. (fig) (cuttings)	California.*
Furcipes sp. (Curculionidae)	Prunus sp. (seed)	District of Columbia.
Gelechiid	Koelreuteria paniculata (goldenrain-tree) seed.	Do.
Geraeus sp. (Curculionidae)	Castanea sp. (chestnut)	Do.
Gonocephalus sp. (Tenebrionidae)	In soil about Litchi plants	Do.
Hemichionaspis aspidistrae (aspidistra scale).	Citrus grandis (grapefruit)	New York.
Do	Rhapis sp	Pennsylvania
Isopod	In soil about roots of plants	California *
Laspeyresia molesta (oriental fruit moth)	Amygdalus persica (peach)	Do.*

List, by countries, of pests collected and reported from January 1 to December 31, 1923, inclusive—Continued

Country of origin and name of pest	Host	Intercepted in—
China (continued)		
Insects: (continued)		
Lepidosaphes beckii (purple scale)	Citrus grandis (grapefruit) (2)	California.*
Do	Citrus grandis (grapefruit)	Hawaii.*
Do	Citrus sp.	California.*
Lepidosaphes flava var. hawaiiensis (scale insect).	Juglans sp. (walnut)	District of Columbia
Lepidosaphes sp. (scale insect)	Celastrus sp. (bittersweet) dried plant	Do.
Do	Citrus sp.	California.*
Do	Medicina wood	Do.*
Limacodid	Pyrus sp. (white pear cions)	District of Columbia.
Malacosoma neustria (European lackey moth).	Pyrus communis (pear) twig	Unknown.
Melaphis chinensis (aphid galls)	Unknown	Pennsylvania.
Merodon equestris (narcissus fly)	Narcissus sp. (bulbs)	Utah.*
Mollusca	In soil about roots of plants	California.*
Monomorium pharaonis (Pharaoh's ant).	In package containing silver fish	Hawaii.*
Monomorium sp. (ant)	Ipomoea batatas (sweet potato)	Do.*
Morganella maskelli (scale insect)	Citrus grandis (grapefruit)	California.*
Myriopod	In soil about roots of plants	Do.*
Odonaspis penecellata (scale insect)	Bamboo (3)	District of Columbia.
Oletbreutid	Koelreutoria paniculata (goldenrain-tree) seed.	Do.
Parasa hilarata (Limacodidae)	Citrus sp. (leaf)	Do.
Paratetranychus sp. (mite)	Litchi chinensis (lychee)	Do.
Parlatoria chinensis (scale insect)	Juglans sp. (walnut) cions	Do.
Parlatoria pergandii (chaff scale)	Citrus grandis (grapefruit) (5)	California.*
Do	Citrus grandis (grapefruit)	Hawaii.*
Do	Citrus sp.	California.*
Do	do	Hawaii.*
Parlatoria theae (scale insect)	Pyrus communis (pear) cions	District of Columbia
Parlatoria ziziphus (scale insect)	Citrus grandis (grapefruit) (3)	California.*
Do	Citrus grandis (grapefruit) (2)	Hawaii.*
Do	Citrus grandis (grapefruit)	New York.
Pectinophora gossypiella (pink bollworm).	Gossypium sp. (cotton seed)	District of Columbia.
Pheidole megacephala (ant)	Chinese eatables	Hawaii.*
Do	Dioscorea sp. (yam) (2)	Do.*
Pheidole sp. (ant)	Dioscorea sp. (yam)	Do.*
Do	In soil around Litchi plants	District of Columbia.
Do	Trapa natans (water chestnuts)	Hawaii.*
Pheidologeton sp. (ant)	Dioscorea sp. (yam)	Do.*
Phenacaspis sp. (scale insect)	Undetermined berry	District of Columbia.
Ponera sp. (ant)	In soil around Litchi plants	Do.
Pseudaonidia trilobitiformis (scale insect).	Citrus grandis (grapefruit)	California.*
Do	do	Hawaii.*
Pseudococcus comstocki (mealybug)	Citrus sp.	California.*
Pseudococcus virgatus (mealybug)	Litchi plant	Do.*
Pseudococcus sp. (mealybug)	Citrus sp.	District of Columbia.
Do	Diospyros sp. (persimmon) cions	Do.
Pycanum ochraceum (Tessaratomidae)	Litchi chinensis plant	Do.
Pyralid (Phycitinae)	Koelreuteria paniculata (golden-rain-tree) seed.	Do.
Rhizoglyphus hyacinthi (bulb mite)	Narcissus tazetti (bulb)	Utah.*
Rhizoglyphus phylloxerae (mite)	Nelumbo speciosa (Hindu lotus)	Oregon.
Rhopalosiphum sp. (aphid)	Caladium (2)	Hawaii.*
Scolytid	Oryza sativa (rice) paddy	Do.*
Slugs	In soil about roots of plants	California.*
Spermophagus sp. (Mylabridae)	Gleditsia chinensis	District of Columbia.
Tenebrionid	Ficus sp. (fig) cuttings	California.*
Tetramorium caespitum (ant)	In soil around Litchi plants	District of Columbia.
Therevid	Nelumbo speciosa (Hindu lotus)	Oregon.
Tylococcus giffardi (scale insect)	Pandanus (seed cluster)	Hawaii.*
Xylopsocus capucinus (Bostrychidae)	Medicinal wood	California.*
Diseases:		
Colletotrichum cereale	Eremochloa ophiuroides	District of Columbia.
Diplodia sp.	Aesculus sp. (horsechestnut)	Do.
Melanconium sacchari	Saccharum officinarum (sugar cane) (2).	California.*
Phoma sp.	Juglans sp. (walnut)	District of Columbia.
Phoma citricarpa	Citrus nobilis (tangerine)	Hawaii.*
Puccinia melanocephala	Phyllostachys sp. (bamboo)	District of Columbia.
Sclerotinia libertiana	Raphanus sp. (water radish)	Do.
Ustilago hordei	Hordeum vulgare (barley)	Do.

List, by countries, of pests collected and reported from January 1 to December 31, 1923, inclusive—Continued

Country of origin and name of pest	Host	Intercepted in—
COLOMBIA		
Insects:		
Armadillidium vulgare (isopod)	Cattleya trianae (orchid)	Missouri.
Ataenius figurator (Scarabaeidae)	do	Do.
Aulacaspis pentagona (West Indian peach scale).	Carica papaya (papaya) (5)	New York.
Crematogaster sp. (ant)	Musa sp. (banana)	Do.
Hemichionaspis aspidistrae (aspidistra scale).	Carica papaya (papaya)	Do.
Neocyclotus papayanus (Mollusca)	Cattleya trianae (orchid)	Missouri.
Prenolepis longicornis (crazy ant)	do	Do.
Psalis americana (earwig)	do	Do.
Targionia biformis (scale insect)	Cattleya schroederae (orchid)	Do.
Tetramorium guineense (ant)	Cattleya trianae (orchid)	Do.
Diseases:		
Colletotrichum orchidearum	Cattleya sp. (orchid)	New York.
Diplodia paraphysaria	Cattleya gigas (orchid)	Missouri.
Gloeosporium sp.	Cattleya trianae (orchid)	Do.
Penicillium sp.	Allium ostrowakgana	District of Columbia
Puccinia graminis	Hordeum vulgare (barley)	Do.
Do	Avena sativa (oats)	Do.
Tilletia foetens	Triticum sp. (wheat)	Do.
Ustilago nuda	Hordeum vulgare (barley)	Do.
COOK ISLAND		
Insects:		
Aspidiotus destructor (scale insect)	Palm (leaves)	California.*
Chrysomphalus aonidum (Florida red scale).	Citrus sinensis (orange)	Do.*
Chrysomphalus aurantii (California red scale).	Citrus sinensis (orange) (3)	Do.*
Chrysomphalus dictyospermi (scale insect).	Mangifera indica (mango) foliage	Do.*
Hemichionaspis minor (scale insect)	Cocos nucifera (coconut)	Do.*
Do	Palm (leaves)	Do.*
Lepidosaphes beckii (purple scale)	Citrus sinensis (orange) (7)	Do.*
Lepidosaphes gloverii (Glover's scale)	Citrus sinensis (orange)	Do.*
Morganella maskelli (scale insect)	do	Do.*
Pariatoria cinerea (scale insect)	do	Do.*
Pseudococcus citri (citrus mealybug)	do	Do.*
Pseudococcus sp. (mealybug)	Cocos nucifera (coconut)	Do.*
COSTA RICA		
Insects:		
Aspidiotus camelliae (scale insect)	Cocos nucifera (coconut)	New York.
Aspidiotus cyanophylli (scale insect)	Palm (2)	Do.
Do	Persea gratissima (avocado)	District of Columbia.
Aspidiotus herculaneus (scale insect)	Jocote cuttings	Do.
Aulacaspis pentagona (West Indian peach scale).	Carica papaya (papaya) (5)	New York.
Blastobosid	Citrus nobilis (tangerine) leaves	Do.
Campnontus abdominalis stercorarius (ant).	Musa sp. (banana)	Do.
Chrysomphalus aonidum (Florida red scale).	Citrus sinensis (orange)	California.*
Chrysomphalus aurantii (California red scale).	do	Do.*
Chrysomphalus calurus (scale insect)	Jocote cuttings	District of Columbia.
Chrysomphalus dictyospermi (scale insect).	Citrus grandis (grapefruit)	Massachusetts.
Chrysomphalus personatus (masked scale).	Psidium guajava (guava)	New York.
Chrysomphalus sp. (scale insect)	Persea gratissima (avocado)	District of Columbia.
Coccus herperidum (soft brown scale)	Ananas sativus (pineapple)	New York.
Do	Orchid	Do.
Coccus sp. (scale insect)	Carica papaya (papaya)	Do.
Colastus amputatus (Nitidulidae)	Guilielma utilis (pejibaye)	District of Columbia.
Diaspis bromeliae (scale insect)	Ananas sativus (pineapple)	Do.
Do	Orchid	Pennsylvania.
Diaspis sp. (scale insect)	Cattleya skinneri (orchid) (2)	Do.
Do	Cocos nucifera (coconut)	New York.
Do	Espiritu santo (bulbs)	District of Columbia.
Fiorinia sp. (scale insect)	Cocos nucifera (coconut)	New York.
Lepidosaphes beckii (purple scale)	Citrus grandis (grapefruit)	Massachusttes.
Do	Citrus grandis (grapefruit) (3)	New York.
Do	Citrus nobilis (tangerine) leaves	Do.
Do	Citrus sinensis (orange) (3)	California.*
Metamsius sericeus (sugar-cane borer)	Musa sp. (banana)	New York.
Nyssodrya contempta (Cerambycidae)	Guillielma utilis (pejibaye)	District of Columbia.
Orthimorpha coarctata (myriopod)	Cattleya skinneri (orchid)	Pennsylvania.
Pseudaonidia articulatus (rufous scale).	Citrus grandis (grapefruit)	New York.

List, by countries, of pests collected and reported from January 1 to December 31, 1923, inclusive—Continued

Country of origin and name of pest	Host	Intercepted in—
Costa Rica (continued)		
Insects: (continued)		
Pseudococcus bromeliae (pineapple mealybug)	Ananas sativus (pineapple)	District of Columbia.
Saissetia hemisphaerica (hemispherical scale)	Citrus nobilis (tangerine) leaves	New York.
Diseases:		
Chadosporium citri	Citrus grandis (grapefruit)	Do.
Clavicops paspali	Paspalum notatum	District of Columbia
Diplodia cacaoicola	Annona muricata (sour sop)	New York.
CUBA		
Insects:		
Aenigmaticum elongatum (Corylophidæ)	Musa sp. (banana) leaf rubbish	Pennsylvania.
Aleurocanthus woglumi (citrus blackfly)	Citrus grandis (grapefruit) (3)	Florida.*
Do	Citrus sinensis (orange)	Do.*
Do	Murraya exotica (orange jessamina)	Do.*
Aleurothrixus howardi (woolly whitefly)	Citrus grandis (grapefruit) (2)	Do.*
Aleyrodes sp. (whitefly)	Psidium guajava (guava) leaf	Do.*
Anastrepha fraterculus (West Indian fruit fly)	Psidium guajava (guava) (5)	Do.*
Anastrepha sp. (Trypetidae)	Mangifera indica (mango) (2)	New York.
Anthomyiid	Phaseolus lunatus (lima bean)	Do.
Aspidiotus cocotiphagus (scale insect)	Cocos nucifera (coconut)	California.*
Do	Cocos nucifera (coconut) (32)	Florida.*
Do	Cycas sp. (cycad)	Do.*
Do	Laurus sp. (laurel)	Do.*
Do	Mangifera indica (mango) (3)	New York.
Do	Mangifera indica (mango) (2)	Pennsylvania.
Do	Musa sp. (banana)	Florida.*
Aspidiotus cyanophylli (scale insect)	Annona muricata (sour sop)	New York.
Do	Palm (2)	Florida.*
Do	Persea gratissima (avocado)	South Carolina.
Aspidiotus destructor (scale insect)	Cocos nucifera (coconut) (6)	Florida.*
Do	Mangifera indica (mango)	New York.
Do	Musa sp. (banana) (19)	Florida.*
Do	Musa sp. (banana)	New York.
Do	do	Pennsylvania.
Do	Unknown leaf	Florida.*
Aspidiotus hederae (ivy scale)	Cycas sp. (cycad)	Do.*
Aspidiotus herculeanus (scale insect)	Phoradendron falvescens (mistletœ)	Do.*
Do	Poinciana (seed pod)	Do.*
Aspidiotus lataniae (scale insect)	Achras sapota (sapodilla)	New York.
Do	Musa sp. (banana) leaf bark	Florida.*
Do	Palm	Do.*
Do	Phoradendron flavescens (mistletœ)	Do.*
Do	Poinciana (seed pod)	Do.*
Do	Psidium guajava (guava)	Do.*
Aspidiotus sp. (scale insect)	Rosa sp. (rose)	New York.
Asterolecanium aureum (scale insect)	Orchid	Do.
Asterolecanium miliaris longum (scale insect)	Bamboo	Florida.*
Baccha sp. (Syrphidae)	Capsicum annuum (pepper)	New York.
Bephrata sp. (Chalcididae)	Annona muricata (sour sop)	Pennsylvania.
Ceroplastes floridensis (Florida wax scale)	Citrus grandis (grapefruit)	Florida.*
Chironomid	Vriesia sp.	Pennsylvania.
Chloridea sp. (Noctuidae)	Zea mays (corn) (3)	New York.
Chrysomphalus aonidum (Florida red scale)	Citrus grandis (grapefruit) (3)	Florida.*
Do	Musa sp. (banana) (3)	Do.*
Do	Palm	Do.*
Do	do	New York.
Do	Unknown	Florida.*
Chrysomphalus dictyospermi (scale insect)	Citrus sinensis (orange)	Do.*
Do	Mangifera indica (mango) leaf	Do.*
Do	Rosa sp. (rose)	New York.
Coccus viridis (coffee scale)	Citrus grandis (grapefruit)	Florida.*
Do	Phoradendron flavescens (mistletoe)	Do.*
Coleophora sp. (Elachistidae)	Capsicum annum (pepper)	New York.
Conchaspis angraeci (scale insect)	Croton sp.	Massachusetts.
Crocidosema sp. (Olethreutidae)	In package containing 9 Annona reticulata (custard apples)	Pennsylvania.
Cylas formicarius (sweet-potato weevil)	Ipomoea batatas (sweet potato) (11)	Florida.*

List, by countries, of pests collected and reported from January 1 to December 31, 1923, inclusive—Continued

Country of origin and name of pest	Host	Intercepted in—
Cuba (continued)		
Insects: (continued)		
Diaspis boisduvalii (Boisduval's scale)	Cocos nucifera (coconut) (2)	California.*
Do	Cocos nucifera (coconut) (5)	Florida.*
Do	Musa sp. (banana) bark (2)	Do.*
Diaspis echinocacti cacti (sale insect)	Cactus sp.	Do.*
Diaspis sp. (scale insect)	Ananas sativus (pineapple)	New York.
Diatraea saccharalis (sugar-cane borer)	Saccharum officinarum (sugar cane)	Pennsylvania.
Diatraea sp. (Pyralidae)	Saccharum officinarum (sugar cane) (7)	Florida.*
Do	Saccharum officinarum (sugar cane) (2)	Pennsylvania.
Ensina sp. (Trypetidae)	In package containing 9 Annona reticulata (custard apples)	Do.
Eriophes oleiorus (rust mite)	Citrus grandis (grapefruit) (2)	Florida.*
Euxesta annonae (Ortalidae)	Musa sp. (banana)	Do.*
Euxesta sp. (Ortalidae)	Mangifera indica (mango)	New York.
Gelechiid	Phaseolus lunatus (Lima bean)	Do.
Haplothrips merrilli (thrips)	Cocos nucifera (coconut) (9)	Florida.*
Hemichionaspis aspidistrae (aspidistra scale).	Cocos nucifera (coconut) (2)	Do.*
Hemichionaspis minor (scale insect)	Annona muricata (sour sop)	New York.
Do	Asparagus sprengeri (asparagus)	Florida.*
Do	Cocos nucifera (coconut)	California.*
Do	Cocos nucifera (coconut) (3)	Florida.*
Do	Gossypium sp. (cotton)	Do.*
Do	Phoenix sp. (palm)	Do.*
Do	Poinciana (seed pod)	Do.*
Howardia biclavis (mining scale)	Laurus sp. (laurel)	Do.*
Do	Mammea americana (mamey)	New York.
Ischnaspis longirostris (thread scale)	Areca sp. (palm)	Florida.*
Do	Cocos nucifera (coconut)	Do.*
Labia curvicauda (earwig)	Musa sp. (banana) leaf rubbish	Pennsylvania.
Labiinae (earwig)	Herb	Maryland.
Lepidosaphes beckii (purple scale)	Citrus aurantifolia (lime)	Florida.*
Do	Citrus grandis (grapefruit) (3)	Do.*
Do	Citrus grandis (grapefruit)	New York.
Do	Citrus limonia (lemon) (2)	Florida.*
Do	Citrus nobilis (tangerine)	Do.*
Do	do	New York.
Do	Citrus sinensis (orange) (4)	Florida.*
Lepidosaphes gloverii (Glover's scale)	Citrus grandis (grapefruit)	Do.*
Do	Citrus nobilis (tangerine)	Do.*
Lepidosaphes sp. (scale insect)	Citrus grandis (grapefruit)	New York.
Liothrips sp. (thrips)	Vriesia sp.	Pennsylvania.
Macrosiphum rosae (aphid)	Rosa sp. (rose) (2)	Florida.*
Marusca testulalis (bean-pod borer)	Phaseolus lunatus (lima bean) green	New York.
Metoponorthus pruinosus (isopod)	Musa sp. (banana) leaf rubbish	Pennsylvania.
Monomorium pharaonis (Pharaoh's ant	Vriesia sp	Do.
Myzus sp. (aphid)	Capsicum annuum (pepper)	New York.
Noctuid	Capsicum annuum (pepper) (2)	Do.
Do	Vriesia sp.	Pennsylvania.
Olethreutid	Phaseolus lunatus (lima bean)	New York.
Oscinus sp. (Oscinidae)	Grass used in packing mangoes	Do.
Parlatoria crotonis (scale insect)	Croton sp.	Massachusetts.
Parlatoria pergandii (chaff scale)	Citrus limonia (lemon)	New York.
Do	Citrus nobilis (tangerine)	Florida.*
Do	do	New York.
Phalonia sp. (Tortricidae)	Annona reticulata (custard apple)	Pennsylvania.
Pheidole megacephala (ant)	Ananas sativus (pineapple)	South Carolina.
Pheidole sp. (ant)	Musa sp. (banana) leaves	New York.
Phenacaspis sp. (scale insect)	Mangifera indica (mango)	California.*
Prenolepis longicornis (crazy ant)	Phaseolus lunatus (lima bean)	New York.
Pseudaonidia articulatus (rufous scale)	Caladium sp.	Florida.*
Do	Citrus aurantifolia (lime)	Do.*
Do	Citrus grandis (grapefruit) (2)	New York.
Do	Citrus sinensis (orange) (2)	Florida.*
Do	Cocos nucifera (coconut)	Do.*
Do	Croton sp.	Do.*
Do	do	Louisiana.
Do	do	Massachusetts.
Do	Ficus sp. (fig)	Florida.*
Do	Laurus sp. (laurel)	Do.*
Do	Palm	Do.*
Do	Unknown	Do.*
Pseudischnaspis alienus (scale insect)	do	Do.*
Pseudococcus adonidum (long-tailed mealybug).	Ficus sp. (fig)	Do.*
Pseudococcus bromeliae (pineapple mealybug).	Ananas sativus (pineapple) (7)	New York.
Do	Annona muricata (sour sop)	Do.
Do	Musa sp. (banana) (5)	Florida.*

List, by countries, of pests collected and reported from January 1 to December 31, 1923, inclusive—Continued

Country of origin and name of pest	Host	Intercepted in—
Cuba (continued)		
Insects: (continued)		
Pseudococcus bromeliae (pineapple mealybug).	Vriesia sp	Pennsylvania.
Pseudococcus citri (citrus mealybug)	Musa sp. (banana) (2)	Florida.*
Pseudococcus nipae (palm mealybug)	Palm	New York.
Pseudococcus virgatus (mealybug)	Chayote	Florida.*
Pseudococcus sp. (mealybug)	Ananas sativus (pineapple)	New York
Do	Annona sp	Do.
Do	Citrus nobilis (tangerine)	Do.
Do	Mangifera indica (mango)	Do.
Do	Musa sp. (banana) (4)	Florida.*
Do	Musa sp. (banana) (2)	New York.
Do	Musa sp. (banana)	Pennsylvania.
Do	Saccharum officinarum (sugar cane)	Florida.*
Pulvinaria sp. (scale insect)	Musa sp. (banana) leaf and bark	Do.*
Pyralid (Pyraustinae)	Phaseolus lunatus (lima bean) (3)	New York.
Pyralid	Vriesia sp	Pennsylvania.
Rhopalurus junceus (scorpion)	Among bananas	Maryland.
Saissetia hemisphaerica (hemispherical scale).	Cycas sp. (cycad)	Florida.*
Do	Herb	Maryland.
Saissetia oleae (black scale)	Annona muricata (sour sop)	New York.
Do	Mangifera indica (mango)	Do.
Do	Phoradendron flavescens (mistletoe)	Florida.*
Do	Psidium guajava (guava)	Do.*
Saissetia sp. (scale insect)	Mangifera indica (mango)	New York.
Stenomid	Vriesia sp	Pennsylvania.
Symphyothrips punctatus (thrips)	Cocos nucifera (coconut)	Florida.*
Targionia hartii (scale insect)	Dioscorea sp. (yam)	Do.*
Do	Dioscorea sp. (yam) (2)	New York.
Telephanus sp. (Cucujidae)	Musa sp. (banana)	Do.
Tetranychus citri (mite)	Citrus grandis (grapefruit)	Florida.*
Triglyphothrix striatidens (ant)	Unknown	South Carolina.
Diseases:		
Black melanose	Citrus sp	Florida.*
Cladosporium citri	Citrus limonia (lemon)	Do.*
Do	Citrus sinensis (orange)	Do.*
Claviceps paspali	Paspalu, notatum	District of Columbia
Colletotrichum lindemuthianum	Phaseolus lunatus (lima bean) (2)	New York.
Colletotrichum gloeosporioides	Phaseolus lunatus (lima bean)	Do.
Do	Persea gratissima (avocado)	Do.
Do	do	South Carolina.
Colletotrichum lindemuthianum	Phaseolus sp. (bean)	New York.
Colletotrichum falcatum	Saccharum officinarum (sugar cane)	Florida.*
Melanconium sacchari	do	Pennsylvania.
Sclerotium bataticola	Ipomoea batatas (sweet potato)	Florida.*
Sphaerotheca sp	Rosa sp. (rose)	Do.*
Thielaviopsis paradoxa	Saccharum officinarum (sugar cane)	Pennsylvania.
CURACAO ISLAND		
Insects:		
Lepidosaphes beckii (purple scale)	Citrus sp	California.*
Saissetia oleae (black scale)	Achras sapota (sapodilla)	New York.
CZECHOSLOVAKIA		
Insects:		
Coccus hesperidum (soft brown scale)	Lavandula spica (lavender)	Massachusetts.
Do	Myrtus communis (myrtle)	Do.
Porcellio scaber (isopod)	In soil about sedum plants	New York.
DENMARK		
Insects:		
Anthomyiid	Radicula armoracia (horseradish)	New York.
Aspidiotus hederae (ivy scale)	Hedera (ivy) (2)	Do.
Chermes abietis (aphid)	Picea sp. (spruce)	Do.
Diaspis carueli (juniper scale)	Juniperus virginiana (red cedar) seed	District of Columbia.
Endrosis lacteella (Oecophoridae)	Hyacinthus sp	Oregon.
Hylemyia n. sp. (Anthomyiidae)	Radicula armoracia (horseradish)	New York.
Myzus persicae (aphid)	Chrysanthemum sp	Do.
Myzus sp. (aphid)	do	Do.
Do	Primula sp. (primrose)	Do.
Saissetia hemisphaerica (hemispherical scale).	Fern	Do.
Tetramorium caespitum (ant)	do	Do.
Tetranychus sp. (spinning mite)	Primula sp. (primrose)	Do.
Vitrea crystallina (Mollusca)	Ligustrum sp. (privet)	Do.
Disease:		
Actinomyces scabies	Solanum tuberosum (potato)	Florida.*

List, by countries, of pests collected and reported from January 1 to December 31, 1923, inclusive—Continued

Country of origin and name of pest	Host	Intercepted in—
DOMINICAN REPUBLIC		
Insects:		
Ancylostomia stercorea (Pyralidae)	Cicer sp. (chick-pea)	New York.
Anisolabis annulipes (earwig)	In soil about banana plant	Pennsylvania.
Aspidiotus destructor (scale insect)	Cocos mucifera (coconut)	Do.
Do	Palm plant and soil	Do.
Calobata lasciva (Micropezidae)	Palm	Do.
Chrysomphalus aonidum (Florida red sca e)	Citrus aurantifolia (lime)	New York.
Coccus vir dis (coffee scale)	do	Do.
Crematogaster victoma var. steinheile (ant).	Lemonsillos	Do.
Diaspis boisduvalii (Boisduva 's sca e	Cocus mucife a (coconut)	Do.
Dominicodesmus geophilus (my liopod)	In soil about palm	Pennsy vania.
Fiorinia fioriniae (scale insect)	Palm plant and soil	Do.
Geococcus sp. (scale insect)	In soil about palm	Do.
Lepidosaphes beckii (purple scale)	Citrus aurantifolia (lime) (3)	New York.
Do	Citrus sinensis (orange)	Do.
Mylabris sp. (My abridae)	Caesalpina coriaria (divi-divi) pods	Do.
Myzocallis sp. (aphid)	Citrus aurantifolia (lime)	Do.
Pectinophora gossypiella (pink boll-worm).	Gossypium sp. (cotton seed)	Do.
Pheidole sp. (ant)	Plantain	Do.
Porcellio sp. (isopod)	In soil about palm	Pennsylvania.
Pseudaonidia articulatus (rufous scale)	Citrus aurantifolia (lime) (3)	New York.
Do	Genap	Do.
Do	Mangifera indica (mango)	Do.
Pseudococcus sp. (mealybug)	Citrus aurantifolia (lime)	Do.
Pyralid (Phycitinae)	Among dried cacao seed	District of Columbia.
Rhizoglyphus sp. (mite)	Ipomoea batatas (sweet potato)	Pennsylvania.
Saissetia oleae (black scale)	Lemonsillo	New York.
Targionia hartii (scale insect)	Dioscorea sp. (yam) (2)	Do.
Termite	Ipomoea batatas (sweet potato)	Florida.*
Disease:		
Diplodia mangostana	Garcinia mangostana (mangosteen)	District of Columbia.
DUTCH GUIANA		
Insect:		
Alegoria dilatata (Tenebrionidae)	Musa sp. (banana) stem	New York.
DUTCH WEST INDIES		
Insects:		
Aulacaspis pentagona (West Indian peach scale).	Carica papaya (papaya)	New York.
Coccus sp. (scale insect)	do	Do.
ECUADOR		
Insects:		
Conotrachelus sp. (Curculionidae)	Pourretia pyramidata plant	District of Columbia.
Curculionid (Cryptorhynchinae)	do	Do.
Pseudococcus sp. (mealybug)	Saccharum officinarum (sugar cane)	Hawaii.*
EGYPT		
Insects:		
Anthomyiid	Allium cepa (onion)	Pennsylvania.
Aspidiotus hederae (ivy scale)	Citrus limonia (lemon)	Massachusetts.
Lepidosaphes beckii (purple scale)	do	Do.
Do	Citrus sinensis (orange)	Do.
Pectinophora gossypiella (pink boll-worm).	Gossypium sp. (cotton seed)	District ofColumbia.
Pimelia subquadrata (Tenebrionidae)	In straw packing for merchandise	Pennsylvania.
Rhizoglyphus hyacinthi (bulb mite)	Allium cepa (onion)	Do.
Do	Solanum tuberosum (potato)	Massachusetts.
Do	do	Pennsylvania.
Rhizoglyphus phylloxerae (mite)	do	Do.
ENGLAND		
Insects:		
Agriolimax agrestis (Mollusca)	Narcissus sp. (bulbs)	Pennsylvania.
Agriotes lineatus (Elateridae)	Iris sp	District of Columbia.
Anthomyiid	Papaver sp. (poppy)	Do.
Anuraphis helichrysi (aphid)	Chrysanthemum sp	Do.
Do	do	Pennsylvania.
Anuraphis tulipae (aphid)	Iris sp. (13)	District of Columbia.
Aphis sp. (aphid)	Amaryllis sp	New York.
Do	Prunus sp	District of Columbia.

List, by countries, of pests collected and reported from January 1 to December 31, 1923, inclusive—Continued

Country of origin and name of pest	Host	Intercepted in—
England (continued)		
Insects: (continued)		
Arctiid	Cork	Maryland.
Arion hortensis (Mollusca)	Lilium sp. (lily bulbs)	New York.
Arion sp. (Mollusca)	Dianthus caryophyllus (carnation)	Do.
Aspidiotus britannicus (scale insect)	Laurus sp. (laurel)	Do.
Aspidiotus hederae (ivy scale)	Aspidistra sp	Do.
Do	Citrus limonia (lemon)	South Carolina.
Do	Nerium eloander (oleander)	New York.
Do	Orchid	District of Columbia.
Do	Palm (2)	Massachusetts.
Do	Palm (15)	New York.
Do	Palm	Pennsylvania.
Aulacaspis rosae (rose scale)	Rosa rubella (rose)	District of Columbia.
Do	Rosa soulieana (rose)	Do.
Do	Rosa sp. (rose)	New York.
Balaninus sp. (Curculionidae)	Quercus sp. (oak) seeds	District of Columbia.
Barypeithes pellucidus (Otiorhynchidae).	Moss used as packing for roses	Do.
Do	In soil about Sedum and saxifrage	New York.
Bythinia tentaculate (Mollusca)	In soil about potted fern	Pennsylvania.
Cecidomyiid	Narcissus sp. (bulb)	Do.
Do	In soil and moss about roots of Rosa sp. (rose).	District of Columbia.
Do	Solanum tuberosum (potato)	Pennsylvania.
Cerambycid	Prunus cerasus (cherry)	District of Columbia.
Cerataphis lataniae (palm aphid)	Orchid (3)	Do.
Cercopid	Prunus sp	Do.
Chionaspis citri (orange Chionaspis)	Citrus sinensis (orange)	California.*
Chionaspis salicis (scale insect)	Unknown	Florida.*
Chrysomphalus aonidum (Florida red scale).	Aspidistra sp	Massachusetts.
Chrysomphalus dictyospermi (scale insect).	Citrus liminoa (lemon)	South Carolina.
Chrysomphalus dictyospermi var. (scale insect).	Aspidistra sp	New York.
Coccinae (scale insect) (immature)	Anthurium sp	District of Columbia.
Do	Pyrus malus aldenhamensis (tree)	Do.
Do	Sorbus sp	Do.
Coccus hesperidum (soft brown scale)	Euonymus sp. (euonymus)	New York.
Do	Laurus sp. (laurel) (2)	Massachusetts.
Do	Laurus sp. (laurel) (4)	New York.
Do	Orchid (4)	District of Columbia.
Coccus sp. (scale insect)	Croton sp. (leaves)	New York.
Coleophora sp. (Haploptiliidae)	Malus sylvestris (apple)	District of Columbia.
Cryptothrips dentipes (thrips)	Iris sp. (2)	Do.
Diarthronomyia hypogaea (chrysanthemum midge).	Chrysanthemum sp	Pennsylvania.
Diaspis boisduvalii (Boisduval's scale).	Orchid (25)	District of Columbia.
Diaspis bromeliae (scale insect)	Orchid (2)	Do.
Diaspis carueli (juniper scale)	Juniperus cedrus (fruits)	Do.
Do	Juniperus sabina hudsonica	Do.
Diaspis sp. (scale insect)	Orchid (6)	Do.
Do	Palm	New York.
Emphytus cinctus (sawfly)	Rosa (Manetti stock) (5)	Connecticut.*
Do	Rosa (Manetti stock) (9)	Illinois.*
Do	Rosa (Manetti stock) (7)	Indiana.*
Do	do	Pennsylvania.*
Do	Rosa (Manetti stock)	Wisconsin.*
Emphytus sp. (sawfly)	do	Do.*
Emporius signatus (Cucujidae)	Malus sylvestris (apple)	Pennsylvania.
Endrosis lacteella (Oecophoridae)	Alnus glutinosa rubrinervia (redvein alder).	District of Columbia.
Do	Old feed bagging	New York.
Ephestia sp. (Pyralidae)	Juglans sp. (walnut)	Do.
Forficula auricularia (European earwig).	In box with shipment of Ostrowskia	District of Columbia.
Formica sp. (ant)	Unknown	Pennsylvania.
Frankliniella sp. (thrips)	Iris sp	District of Columbia.
Geometrid	Prunus sp	Do.
Helix sp. (Mollusca)	In soil about potted fern	Pennsylvania.
Hemichionaspis aspidistrae (aspidistra scale).	Aspidistra sp. (5)	New York.
Do	Aspidistra sp	Massachusetts.
Howardia biclavis (mining scale)	Hedera (ivy)	New York.
Hygromiarufescens (Mollusca)	In soil about potted fern	Pennsylvania.

List, by countries, of pests collected and reported from January 1 to December 31, 1923, inclusive—Continued

Country of origin and name of pest	Host	Intercepted in—
England (continued)		
Insects: (continued)		
Idiopterus nephrolepidis (aphid)	Fern	New York.
Illinoia sp. (aphid)	Euonymus sp. (euonymus)	Do.
Lasius niger (ant)	Unknown	Do.
Lasius sp. (ant)	In soil	Do.
Lecanium coryli (scale insect)	Alnus orientalis (alder)	District of Columbia.
Lepidosaphes beckii (purple scale)	Citrus limonia (lemon)	South Carolina.
Do	Citrus sinensis (orange)	California.*
Lepidosaphes tuberculata (scale insect)	Orchid	District of Columbia.
Lepidosaphes ulmi (oyster-shell scale)	Pyrus floribunda aldenhamensis	Do.
Do	Pyrus vilmonniana	Do.
Do	Pyrus sp. (2)	Do.
D	Rosa elegantula (rose)	Do.
Do	Sorbus vestita	Do.
Macrosiphina (aphid)	Dianthus sp. (pink carnation)	Do.
Macrosiphum sp. (aphid)	Rosa sp. (rose) plants	Do.
Merodon equestris (narcissus fly)	Narcissus sp. (bulbs)	Do.
Mylabris rufimanus (Mylabridae)	Phaseolus sp (bean)	Do.
Do	Among seeds of green garden peas	Do.
Myrmica ruginodis (ant)	In soil about plants	New York.
Myzus sp. (aphid)	Chrysanthemum sp	Do.
Do	Dianthus caryophyllus (carnation)	District of Columbia.
Do	Fragaria sp. (strawberry)	Do.
Neotoxoptera tulipaella (aphid)	Iris sp	Do.
Neotoxoptera sp. (aphid)	do	Do.
Newsteadia floccosa (scale insect)	do	Do.
Noctuid	Cheiranthus cheiri (wallflower)	Massachusetts.
Norellia spinimana (Anthonyiidae)	Unknown	District of Columbia.
Oniscus asellus (isopod)	In moist wrapping about cuttings	New York.
Paracletus sp. (aphid)	Unknown	Do.
Parlatoria crotonis (scale insect)	Croton sp	Do.
Parlatoria pergandii (chaff scale)	Citrus sinensis (orange)	California.*
Do	Croton (leaves)	New York.
Parlatoria pergandii cameliae (scale insect).	Vanda tricolor (orchid)	District of Columbia.
Pectinophora gossypiella (pink bollworm).	Gossypium sp. (cotton seed)	Massachusetts.
Phthorimaea operculella (potato tuber moth).	Solanum tuberosum (potato)	Pennsylvania.
Phytomyza chrysanthemi (Agromyzidae).	Chrysanthemum sp. (2)	New York.
Pseudococcus bromeliae (pineapple mealybug).	Laurus sp. (laurel)	Massachusetts.
Pseudococcus sp. (mealybug)	Bignonia hybrida (hybrid trumpet-creeper).	District of Columbia.
Do	Palm	New York.
Psyllid	Laurus sp. (laurel)	Do.
Pyralid (Phycitinae)	Avena sativa (oats)	Pennsylvania.
Pyramidula rotundata (Mollusca)	In soil about potted fern	Do.
Rhizoglyphus hyacinthi (bulb mite)	Solanum tuberosum (potato)	Do.
Do	Speciosum album kastaen (bulb)	District of Columbia.
Rhizoglyphus sp. (mite)	Solanum tuberosum (potato) (2)	Pennsylvania.
Saissetia hemisphaerica (hemispherical scale).	Ricinus communis (castor bean)	Massachusetts.
Do	Croton sp	Pennsylvania.
Do	Fatsia japonica (fatsia)	Do.
Do	Fern	New York.
Schendyla nemorensis (myriopod)	In soil about roots of Lavendula (lavender) plants.	Pennsylvania.
Sciara sp. (Mycetophilidae)	Azalea sp	District of Columbiae
Do	Prunus sp	Do.
Do	In soil and moss about roots of rose	Do.
Stigmatogaster subterraneous (myriopod).	In soil about potted fern	Pennsylvania.
Do	In soil about fuchsia roots (2)	New York.
Syrphus sp. (Syrphidae)	Unknown	Do.
Tetramorium caespitum (ant)	In soil about Vaccinium macrocarpon (cranberry), Vaccinium (blueberry), etc.	New York.
Thrips fuscipennis (thrips)	Chrysanthemum sp	Pennsylvania.
Tortricid	Malus sylvestris (apple)	Massachusetts.
Do	Pyrus atrosanguinea (carmine crab apple).	District of Columbia.
Trioza alacris (Chermidae)	Laurus sp. (laurel) (2)	New York.
Vitrea nitidula (Mollusca)	In soil about potted fern	Pennsylvania.
Diseases:		
Actinomyces scabies	Solanum tuberosum (potato) (2)	Florida.*
Bacterium tumefaciens	Rosa sp. (rose)	Illinois.*

List, by countries, of pests collected and reported from January 1 to December 31, 1923, inclusive—Continued

Country of origin and name of pest	Host	Intercepted in—
England (continued)		
Diseases: (continued)		
Bacterium tumefaciens	Rosa sp. (rose)	Indiana.*
Do	do	Iowa.*
Botrytis cinerea	Iris aurea	District of Columbia.
Botrytis parasitica	Iris sp	Do.
Botrytis sp	Vitis thunbergii	Do.
Colletotrichum cinctum	Eulophia lurida (orchid)	Do.
Do	Masdevallia harryana violacea (orchid)	Do.
Mycosphaerella fragariae	Fragaria (strawberry)	Do.
Oidium euonymi japonica	Euonymus sp. (2)	New York.
Phytophthora infestans	Solanum tuberosum (potato)	Pennsylvania.
Puccinia buxi	Buxus sempervirens var. (boxwood)	Massachusetts.
Do	Buxus sp. (boxwood)	New York.
Sclerotinia libertana	Trifolium (clover)	District of Columbia
Septoria chrysanthemi	Chrysanthemum	New York.
Spongospora subterranea	Solanum tuberosum (potato) (2)	Pennsylvania.
Vermicularia liliacearum	Iris	District of Columbia
FIJI ISLANDS		
Insect:		
Aspidiotus lataniae (scale insect)	Citrus sinensis (orange)	California.*
FINLAND		
Insect:		
Sciara sp. (Mycetophilidae)	Myrtus communis (myrtle)	New York.
FRANCE		
Insects:		
Acronycta auricoma (dagger moth)	Cydonia sp. (quince stocks) (2)	Iowa.*
Do	Prunus cerasifera (Myrobalan plum stock) (2).	Do.*
Do	Prunus mahaleb (Mahaleb cherry stock) (6).	Do.*
Do	Pyrus sp. (pear stocks)	Do.*
Do	Rosa sp. (Manetti rose stocks) (3)	Do.*
Acronycta rumicis (sorrel cutworm)	Cydonia sp. (quince stocks)	California.*
Do	Fruit stocks (2)	Indiana.*
Do	Pyrus sp. (pear stocks) (5)	California.*
Do	Pyrus sp. (pear stocks) (2)	Maryland.*
Do	Rosa sp. (Manetti rose stocks) (2)	Indiana.*
Acronycta sp. (Noctuidae)	Prunus sp. (stock)	New York.
Do	Pyrus sp. (pear stock)	Maryland.*
Anthomyiid	Droppings from bales of hay in ships' stores for feed for sheep.	Pennsylvania.
Anuraphis tulipae (aphid)	Iris sp. (8)	District of Columbia.
Do	Iris sp.	New York.
Aphis rumicis (aphid)	Euonymus sp	Do.
Aphid	Pyrus sp. (pear stocks)	California.*
Aphodius granarius (Scarabaeidae)	In soil about roots of fruit tree stocks	Pennsylvania.
Apion sp. (Curculionidae)	Vicia sp. (vetch)	New York.
Aporia crataegi (white tree pierid) (nests).	Cydonia sp. (quince stocks) (2)	Iowa.*
Do	Cydonia sp. (quince stocks)	Maryland.*
Do	Cydonia sp. (quince stocks) (5)	New York.*
Do	Fruit stock	Connecticut.*
Do	Fruit stocks (2)	Indiana.*
Do	Fruit stocks (7)	New York.*
Do	Malus sp. (apple stock)	Iowa.*
Do	Malus sp. (apple stocks) (7)	New York.*
Do	Prunus cerasifera (Myrobalan plum stocks) (2).	Iowa.*
Do	Prunus sp. (plum stocks) (9)	New York.*
Do	Pyrus sp. (pear stocks)	Iowa.*
Do	do	Maryland.*
Do	Pyrus sp. (pear stocks) (7)	New York.*
Do	Unknown (12)	Do.*
Aspidiotus cocotiphagus (scale insect)	Palm	New York.
Aspidiotus hederae (ivy scale)	Croton sp	Do.
Do	Palm	Florida.*
Do	do	Massachusetts.
Do	Palm (5)	New York.
Aspidiotus sp. (scale insect)	Chamaerops humilis (hair palm)	District of Columbia.
Aulacaspis rosae (rose scale)	Rosa sp. (rose)	New York.
Calophasia lunula (Noctuidae)	Cydonia sp. (quince stocks)	California.*
Do	do	Ohio.*
Do	Prunus sp. (cherry stocks)	Indiana.*
Do	do	Maryland.*
Do	Pyrus sp. (pear stocks) (2)	California.*
Do	Pyrus sp. (pear stocks)	Maryland.*

List, by countries, of pests collected and reported from January 1 to December 31, 1923, inclusive—Continued

Country of origin and name of pest	Host	Intercepted in—
France (continued)		
Insects: (continued)		
Calophasia lunula (Noctuidae)	Rosa sp. (Manetti rose stocks) (2)	Indiana.*
Cecidomylid	Narcissus sp. (bulbs)	Massachusetts.
Do	Narcissus sp. (bulbs) (2)	New York.
Ceratitis capitata (Mediterranean fruit fly).	Malus sylvestris (apple)	Massachusetts.
Chrysomphalus dictyospermi (scale insect).	Citrus sinensis (orange)	Pennsylvania.
Do	Palm	New York.
Chrysomphalus dictyospermi var. (scale insect).	do	Do.
Coccinae (scale insect)	Berberis thunbergi (Japanese barberry).	District of Columbia.
Coccotrypes sp. (Scolytidae)	Phoenix farinfera (palm) seeds	Do.
Do	Phoenix rupicola (cliff date palm) seeds	Do.
Do	Ptychosperma macarthuri (McArthur palm) seeds.	Do.
Coccus hesperidum (soft brown scale)	Camellia sp	New York.
Do	Ricinus communis (castor bean)	Do.
Coccus pseudohesperidum (scale insect).	Orchid	District of Columbia.
Crematogaster sp. (ant)	Malus sylvestris (apple)	Massachusetts.
Cryptothrips dentipes (thrips)	Lilium sp. (lily bulbs) (3)	New York.
Do	Lilium sp. (lily bulbs)	Pennsylvania.
Curculionid	Cork	Do.
Diaspis boisduvalii (Boisduval's scale)	Orchid	District of Columbia.
Diprion sp. (sawfly) (cocoons)	In soil about roots of fruit tree stock	Pennsylvania.
Emphytus cinctus (sawfly)	Rosa sp. (Manetti rose stocks) (3)	Connecticut.*
Do	Rosa sp. (Manetti rose stocks) (2)	Illinois.*
Do	Rosa sp. (Manetti rose stocks)	Ohio.*
Ephestia sp. (Pyralidae)	Ilex paraguayensis	District of Columbia.
Eriosoma lanigerum (woolly apple aphid).	Malus sp. (apple seedlings)	New York.*
Eumerus strigatus (lesser bulb fly)	Narcissus sp. (bulbs) (6)	Do.
Eupodid (mite)	Narcissus sp. (bulbs)	Do.
Euproctis chrysorrhoea (brown tail moth) (nests).	Fruit stocks	Do.*
Do	Malus sp. (apple stocks)	Do.*
Do	Pyrus sp. (pear stocks) (2)	Do.*
Do	Unknown (2)	Do.*
Geometrid	In soil about fruit tree stocks	Pennsylvania.
Hypothenemus sp. (Scolytidae)	Areca rubra (seeds)	District of Columbia.
Ischnaspis longirostris (thread scale)	Pritchardia (palm) (seeds)	Do.
Laemophloeus sp. (Cucujidae)	Narcissus sp. (bulbs)	New York.
Lecanium persicae (scale insect)	Berberis sp. (barberry)	District of Columbia.
Do	Schizandria grandiflora	Do.
Lepidosaphes beckii (purple scale)	Citrus sinensis (orange)	Florida.*
Lepidosaphes gloverii (Glover's scale)	do	Massachusetts.
Do	Citrus sinensis (orange) (2)	New York.
Do	Citrus sinensis (orange)	Pennsylvania.
Lepidosaphes ulmi (oyster-shell scale)	Amygdalus persica (peach)	New York.
Do	Cotoneaster sp	District of Columbia.
Do	Crataegus sp. (hawthorn)	Do.
Do	Syringa sp. (lilac)	Do.
Lithibius calcaratus (myriopod)	In soil about roots of fruit tree stocks	Pennsylvania.
Littorina litorea (Mollusca)	do	Do.
Lygaeid nymph	Hyacinthus sp. (bulbs)	New York.
Megastigmus sp. (seed chalcid)	Seeds	District of Columbia.
Melanotus castanipes (Elateridae)	Narcissus sp. (bulbs)	New York.
Merodon equestris	do	Do.
Metoponorthus pruinosus (isopod)	Cork	Pennsylvania.
Mylabris cisti (Mylabridae)	Cytisus laburnum (seed)	New Yorlk
Mylabris rufimanus (Mylabridae)	Cork	Pennsylvania.
Myzus cerasi (aphid)	Prunus sp. (plum stock)	Maryland.*
Noctuid	Cork	Pennsylvania.
Do	Syringa vulgaris (lilac)	District of Columbia.
Nopoiulus minutus (myriopod)	Dahlia sp. (root)	New York.
Notolophus antiqua (European tussock moth).	Fruit stocks	Do.*
Do	Prunus mahaleb (Mahaleb cherry stock) (2).	Iowa.*
Do	Prunus sp. (peach stock)	New York.
Do	Prunus sp. (plum stock) (3)	California.*
Do	Prunus sp. (plum stock)	New York.*
Do	Pyrus sp. (pear stocks)	Maryland.*
Do	Unknown (2)	New York.*
Ortalid	Narcissus sp. (bulbs)	Do.
Papilio podalirius (Papilionidae)	Prunus mahaleb (Mahaleb cherry stock) (2).	Iowa.*

List, by countries, of pests collected and reported from January 1 to December 31, 1923, inclusive—Continued

Country of origin and name of pest	Host	Intercepted in—
France (continued)		
Insects: (continued)		
Papilio podalirius (Papilionidae)	Prunus sp. (stock)	New York.
Do	Rosa sp. (Mannetti rose stocks)	Iowa.*
Parlatoria pergandii (chaff scale)	Citrus sinensis (orange)	Florida.*
Do	do	New York.
Do	do	Pennsylvania.
Parlatoria sp. (scale insect)	do	Do.
Pimelia sp. (Tenebrionidae)	Cork	Do.
Porcellio rathkei (isopod)	In soil about roots of fruit tree stocks	Do.
Porthetria dispar (gispy moth)	Cork (5)	Do.
Do	Taken from package containing 2 Malus sp. (apple stocks) and 1 shrub.	Do.
Prenolepis sp. (ant)	Orchid	District of Columbia.
Pseudococcus nipae (palm mealybug)	Palm (2)	New York.
Pseudotriphyllus sututalis (Mycetophiliade).	Narcissus sp. (bulbs)	Do.
Psychoda sp. (Psychodidae)	do	Do.
Pyralid (Phycitinae)	Cocos coronata (crowned palm) (seeds)	District of Columbia.
Do	Pyracantha crenulata (nepal firethorn).	Do.
Do	Semele androgyna (seed)	Do.
Do	In soil about roots of fruit tree stocks	Pennsylvania.
Do	Narcissus sp. (bulbs)	New York.
Pryalis farinalis (Pyralidae)	Iris sp. (bulbs)	District of Columbia.
Rhizoglyphus hycacinthi (bulb mite)	Hyacinthus sp. (bulbs) (4)	New York.
Do	Hyacinthus sp. (bulbs) (2)	Pennsylvania.
Do	Iris sp. (bulbs)	District of Columbia.
Do	Lilium sp. (lily bulbs)	Pennsylvania.
Do	Narcissus sp. (bulbs)	District of Columbia.
Do	do	Massachussetts.
Do	Narcissus sp. (bulbs) (25)	New York.
Rhizoglyphus hyacinthi (bulb mite)	Solanum tuberosum (potato)	Pennsylvania.
Do	do	South Carolina.
Rhizoglyphus sp. (mite)	do	Pennsylvania.
Root aphid	Pyrus sp. (pear stocks)	California.*
Saissetia hemisphaerica (hemispherical scale).	Dizygotheca elegantissima (Aralia chabrierii) (threadleaf aralia).	New York.
Scatopse sp. (Bibionidae)	Narcissus sp. (bulbs)	Do.
Do	Solanum tuberosum (potato)	Pennsylvania.
Sciara sp. (Mycetophilidae)	Cork	Do.
Do	Hyacinthus sp. (bulbs)	Do.
Do	Iris sp	District of Columbia.
Do	Solanum tuberosum (potato) (2)	Pennsylvania.
Silvanus unidentatus (Silvanidae)	Narcissus sp. (bulbs)	New York.
Tephroclystis sp. (Geometridae)	In box with peonies	District of Columbia.
Trogoderma ornata (Dermestidae)	Cork	Pennsylvania.
Trogoderma sp. (Dermestidae)	do	Do.
Tyroglyphus sp. (mite)	Amaryllis sp	New York.
Do	Freesia sp. (bulbs)	District of Columbia.
Do	Gladiolus sp. (bulbs)	Do.
Diseases:		
Actinomyces scabies	Solanum tuberosum (potato)	Florida.*
Bacterium tumefaciens	Cydonia sp. (quince)	Maryland.*
Do	Malus sylvestris (apple) (5)	Pennsylvania.
Do	Malus sp. (apple)	Missouri.*
Do	Prunus sp	Maryland.*
Do	Prunus sp. (cherry)	Pennsylvania.*
Do	Prunus sp. (plum)	Do.
Do	Pyrus sp. (pear)	California.*
Do	do	Iowa.*
Do	Rosa sp. (rose)	Illinois.*
Do	do	Indiana.*
Do	Rosa sp. (rose) (2)	Iowa.*
Botrytis parasitica	Iris sp. (rhizomes) (3)	District of Columbia.
Diplodia pandani	Pandanus utilis (common screwpine)	Do.
Heterodera radicicola	Viburnum carlesi (fragrant viburnum)	Do.
Sclerotium	Iris sp	Do.
GERMANY		
Insects:		
Agriolimax agrestis (Mollusca)	Radicula armoracia (horseradish)	Pennsylvania.
Do	Niobe sp. (Hosta) (plantainlily)	Do.
Agriotes lineatus (Elateridae)	do	Do.
Do	In soil about roots of amaryllis	Do.
Agriotes sp. (Elateridae)	In soil about Convallaria	New York.
Anthomyiid	Brassica rapa (turnip) roots	South Carolina.
Do	Niobe sp. (Hosta) (plantainlily)	Pennsylvania.
Do	Radicula armoracia (horseradish)	Do.
Anuraphis helichrysi (aphid)	Chrysanthemum sp	New York.

List, by countries, of pests collected and reported from January 1 to December 31, 1923, inclusive—Continued

Country of origin and name of pest	Host	Intercepted in—
Germany (continued)		
Insects: (continued)		
Aonidia lauri (scale insect)	Laurus sp. (laurel)	New York.
Aphis sp. (aphid)	Chrysanthemum sp. (2)	Do.
Aphis sp. (aphid)	Compositae	Do.
Do	Ligularia kaempferi (leopard plant)	Do.
Arion hortensis (Mollusca)	Lily-of-the-valley pips	Do.
Do	In soil about peony roots	Pennsylvania.
Aspidiotus cyanophylli (scale insect)	Palm	New York.
Aspidiotus hederae (ivy scale)	Citrus limonia (lemon)	Florida.*
Do	Nerium oleander (oleander)	New York.
Do	Palm (3)	Do.
Barypeithes pellucidus (Curculionidae)	Astilbe	District of Columbia.
Brachydesmus sp. (myriopod)	In soil about geraniums	Pennsylvania.
Brachyrhinus sulcatus (black vine beetle).	Among astilbe roots	District of Columbia.
Chermes sp. (aphid)	Picea sp. (spruce)	Florida.*
Chironomid	In soil about Radicula armoracia (horseradish).	Pennsylvania.
Chrysomphalus aonidum (Florida red scale).	Palm (3)	New York.
Coccus hesperidum (soft brown scale)	Amaryllis sp	Pennsylvania.
Do	Laurus sp. (laurel) (3)	New York.
Do	Myrtus communis (myrtle) (2)	Do.
Do	Myrtus sp.	Pennsylvania.
Do	Herium oleander (oleander)	New York.
Cochlicopa lubrica (Mollusca)	In soil about Rosmarinus officinalis (rosemary).	Pennsylvania.
Forficula auricularis (European earwig).	Fuchsia sp	New York.
Furcipes rectirostris (Curculionidae)	Prunus cerasus (cherry) seeds	Pennsylvania.
Geophilus proximus (myriopod)	In soil about roots of amaryllis	Do.
Glyciphagus domesticus (mite)	Allium cepa (onion)	Do.
Haplophthalmus mengii (isopod)	In soil about Rosmarinus officinalis (rosemary).	Do.
Hemichionaspis aspidistrae (aspidistra scale).	Aspidistra sp. (3)	New York.
Do	Palm	Do.
Hemichionaspis sp. (scale insect)	Aspidistra sp. (3)	Do.
Histiostoma sp. (mite)	Dianthus sp. (pink, carnation)	District of Columbia.
Hylemyia sp. (Anthomyiidae)	In soil about Radicula armoracia (horseradish).	Pennsylvania.
Idiopterus sp. (aphid)	Campanula (bellflower)	New York.
Do	Hydrangea sp	Pennsylvania.
Illinoia sp. (aphid)	Doronicum sp. (leopardbane)	New York.
Lecanium coryli (scale insect)	Pyrus sp. (Blood pear cuttings)	District of Columbia.
Lecanium sp. (scale insect)	Primula sp. (primrose)	New York.
Lepidosaphes beckii (purple scale)	Citrus sinensis (orange)	Do.
Lepidosaphes ulmi (oyster-shell scale)	Pyrus sp. (Blood pear cuttings)	District of Columbia.
Lina aenea (Chrysomelidae)	In soil about roots of Forsythia sp.	Pennsylvania.
Linotaenia acuminata (myriopod)	Malus sylvestris (apple)	New York.
Macrosiphoniella sanborni (aphid)	Chrysanthemum sp.	Do.
Macrosiphum rosae (aphid)	Rosa sp. (rose)	Do.
Macrosiphum sp. (aphid)	Compositae	Do.
Do	Hydrangea sp	District of Columbia.
Mylabris rufimanus (Mylabridae)	Vicia faba (horse bean) seed	Do.
Mylabris sp. (Mylabridae)	Cedrus (cedar) seed	Do.
Myrmica laevinodis (ant)	In soil about roots of Ribes sp. currant and Grossularia sp. (gooseberry) plants.	New York.
Myzaphis rosarum (aphid)	Rosa sp. (rose)	Do.
Myzus circumflexum (aphid)	Hydrangea sp	Do.
Myzus persicae (green peach aphid)	Chysanthemum sp. (4)	Do.
Myzuz sp. (aphid)	Dahlia sp	District of Columbia.
Do	Nerium oleander (oleander)	New York.
Noctuid	Niobe sp. (Hosta) (plantainlily)	Pennsylvania.
Nopoiulus minutus (myriopod)	do	Do.
Do	In soil about Pelargonium sp. (geraniums).	Do.
Parlatoria pergandii (chaff scale)	Citrus limonia (lemon)	Florida.*
Parlatoria ziziphus (scale insect)	do	Do.*
Planorbis carinatus (Mollusca)	In soil about Radicula armoracia (horseradish).	Pennsylvania).
Porcellio scaber (isopod)	Hyacinthus sp. (bulbs)	New York.
Do	Lilium sp. (lily bulbs)	Do.
Do	Narcissus sp. (bulbs)	Do.
Do	Tulipa sp. (bulbs)	Do.
Prolabia sp. (earwig)	Allium cepa (onion)	Pennsylvania.
Pseudococcus maritimus (mealybug)	Camellia sp	New York.
Pseudococcus nipae (palm mealybug)	Aspidistra sp	Do.

List, by countries, of pests collected and reported from January 1 to December 31 1923, inclusive—Continued

Country of origin and name of pest	Host	Intercepted in—
Germany (continued)		
Insects: (continued)		
Psychodid	Radicula armoracia (horseradish)	New York.
Psyllid	Buxus sp. (boxwood)	Do.
Psylliodes affinis (Chrysomelidae)	Rosa sp. (rose stock)	Pennsylvania.
Pulvinaria sp. (scale insect)	Camellia sp. (2)	New York.
Pyralid (Phycitinae)	Astilbe sp.	District of Columbia.
Pyralid	In moss and soil used as packing for grapevines	Pennsylvania.
Pyramidula rotundata (Mollusca)	In soil about roots of amaryllis	Do.
Pyrausta nubilalis (European corn borer).	Holcus sorghum var. (broomcorn)	New York.
Rhizoglyphus hyacinthi (bulb mite)	Allium cepa (onion)	Pennsylvania.
Do	Radicula armoracia (horseradish)	Do.
Do	Solanum tuberosum (potato)	Do.
Do	do	South Carolina.
Saissetia hemispherica (hemispherical scale).	Hoya carnosa (common wax plant)	New York.
Saissetia oleae (black scale)	Myrtus communis (myrtle)	Do.
Scatopse sp. (Bibionidae)	Allium cepa (onion)	Pennsylvania.
Sciara sp. (Mycetophilidae)	Radicula armoracia (horseradish)	Do.
Do	In moss and soil used for packing around grapevines.	Do.
Do	Niobe sp. (Hosta) (plantainlily)	Do.
Scutigerella immaculata (myriopod)	do	Do.
Syrphid pupa	do	Do.
Targionia hartii (scale insect)	Laurus sp. (laurel)	New York.
Tetranychus telarius (mite)	Primula sp. (primrose)	Do.
Vallonia pulchella (Mollusca)	In soil about Pelargonium sp. (geraniums).	Pennsylvania.
Do	In soil about Rosmarinus officialis (rosemary).	Do.
Vitrea crystallina (Mollusca)	In soil about Radicula armoracia (horseradish).	Do.
Vitrea nitidula (Mollusca)	do	Do.
Diseases:		
Actinomyces scabies	Solanum tuberosum (potato)	Florida.*
Puccinia graminis	Berberis vulgaris (European barberry)	New York.
Venturia inaequalis	Malus sp. (apple)	Do.
Do	do	Pennsylvania.
GIBRALTAR		
Insect:		
Histiostoma sp. (mite)	Solanum tuberosum (potato)	Pennsylvania.
GRAND CAYMAN ISLAND		
Insects:		
Lepidosaphes beckii (purple scale)	Citrus aurantifolia (lime)	Florida.*
Do	Citrus sinensis (orange)	Do.*
Targionia hartii (scale insect)	Dioscorea sp. (yam)	Do.*
GREAT BRITAIN		
Insect:		
Helix aspersa (Mollusca)	In soil about plants	New York.
GREECE		
Insects:		
Acanthothrips cortices (thrips)	Cut flowers	Pennsylvania.
Aspidiotus hederae (ivy scale)	Ceratonia (carob)	District of Columbia.
Aulacaspis rosae (rose scale)	Rosa sp. (rose bush)	New York.
Chrysomphalus aurantii (California red scale).	Citrus limonia (lemon)	Do.
Do	Rosa sp. (rose) (stems)	Do.
Curculionid	Quercus Aegilops (valonia oak) (acorns).	Do.
Endrosis lacteella (Oecophoridae)	Cut flowers	Pennsylvania.
Lepidosaphes sp. (scale insect)	Olea europaea (olive)	New York.
Parlatoria oleae (scale insect)	Malus sp. (apple cion)	District of Columbia.
Disease:		
Bacterium savastonoi	Olea europaea (olive)	New York.
GRENADA ISLAND		
Insects:		
Diaspis boisduvalii (Boisduval's scale)	Cocos nucifera (coconut)	New York.
Hemichionaspis minor (scale insect)	do	Do.
Ischnaspis longirostris (thread scale)	Manigfera indica (mango)	Do.
Lepidosaphes beckii (purple scale)	Citrus aurantifolia (lime)	Do.
Pseudaonidia articulatus (rufous scale)	Citrus sinensis (orange)	Do.
Do	Mangifera indica (mango)	Do
Targionia hartii (scale insect)	Dioscorea sp. (yam)	Do.

List, by countries, of pests collected and reported from January 1 to December 31, 1923, inclusive—Continued

Country of origin and name of pest	Host	Intercepted in—
GUAM		
Insects:		
Hemichionaspis minor (scale insect)	Cocos nucifera (coconut)	California.*
Lepidosaphes megregori (scale insect)	do	Do.*
Lepidosaphes sp. (scale insect)	do	Hawaii.*
Thrips	do	Do.*
Tineid	Phaseolus calcuratus (rice bean seed)	District of Columbia.
GUATEMALA		
Insects:		
Acanthocephala terminalis (Coreidae)	Trash refuse from banana cargo	Louisiana.
Apion griseum (Curulionidae)	Phaseolus sp. (bean seed)	District of Columbia.
Camponotus maculatus var. (ant)	Trash refuse from banana cargo	Louisiana.
Ceroplastes floridensis (Florida wax scale).	Ixora sp.	California.*
Coccus acuminatus (scale insect)	do	Do.*
Lepidosaphes beckii (purple scale)	Citrus sinensis (orange)	Do.*
Lepidosaphes gloverii (Glover's scale)	do	Do.*
Mylabris suaveolens (Mylabridae)	Securidaca Sylvestris (choreque seed)	District of Columbia.
Mylabris sp. (Mylabridae)	Averca chimanone indigen (seed)	Do.
Do	Dahlia sp. (seed) (2)	Do.
Do	Phaseolus sp. (bean seed)	Do.
Pseudaonidia articulatus (rufous scale)	Citrus sinensis (orange)	California.*
Pseudococcus bromeliae (pineapple mealybug).	Ananas sativus (pineapple)	Do.*
HAITI		
Insects:		
Ancylostomia stercorea (Pyralidae)	Cicer sp. (chick-pea)	New York.
Aspidiotus lataniae (scale insect)	Palm (seeds)	District of Columbia.
Chrysomphalus aonidum (Florida red scale).	Citrus grandis (grapefruit) (3)	New York.
Lepidosaphes beckii (purple scale)	Citrus grandis (grapefruit)	Do.
Pseudococcus bromeliae (pineapple mealybug).	Ananas sativus (pineapple)	Do.
Targionia hartii (scale insect)	Dioscorea sp. (yam)	Do.
HAWAII		
Insects:		
Aphis sp. (aphid)	Areca catechu (betel palm) (5)	California.*
Areacerus fasciculatus (coffee-bean weevil).	Pisum sativum (pea)	Do.*
Aspidiotus camelliae (scale insect)	Citrus sinensis (orange)	Do.*
Aspidiotus cyanophylli (scale insect)	Cocos nucifera (coconut) (2)	Do.*
Aspidiotus cydoniae (scale insect)	Cocos nucifera (coconut) (7)	Do.*
Aspidiotus lataniae (scale insect)	Cocos nucifera (coconut (2)	Do.*
Aspidiotus persearum (scale insect)	Cocos nucifera (coconut) (10)	Do.*
Aspidiotus sp. (scale insect)	Musa sp. (banana)	Do.*
Calendra taitensis (Tahiti coconut weevil).	Cocos nucifera (coconut)	Do.*
Cardium sp. (Mollusca)	In soil about dead fern	Pennsylvania.
Caryedon gonagra (Mylabridae)	Prosopis chilensis (Algaroba pods)	California.*
Do	Cassia nodosa (seeds)	District of Columbia.
Do	Legume seed	California.*
Do	Poinciana sp. (pods)	Do.*
Ceratitis capitata (Mediterranean fruit fly).	Capsicum annuum (pepper) (2)	Do.*
Do	Chrysophyllum cainito (star apple)	Do.*
Do	Coffee sp. (coffee) berries	Do.*
Do	Eugenia jambos (rose apple)	Do.*
Do	Jambosa malaccensis (Malay apple-tree).	Do.*
Do	Persea gratissima (avocado)	Do.*
Ceroplastes rubens (wax scale)	Coffea sp. (coffee)	Do.*
Chionaspis inday (scale insect)	Cocos nucifera(coconut) (3)	Do.*
Chloridea obsoleta (corn earworm)	Unknown	Oregon.
Chrysomphalus aonidum (Florida red scale).	Citrus sinensis (orange)	California.*
Do	Cocos nucifera (coconut) (44)	Do.*
Do	Palm (seed)	Do.*
Coccinae	Schinus terebinthifolius (Brazilian pepper tree).	District of Columbia.
Coccotrypes sp. (Scolytidae)	Palm (seed)	California.*
Do	Thrinax argentea (palm seed)	Do.*
Coccus acuminatus (scale insect)	Milo leaves	Do.*
Coccus elongatus (scale insect)	Areca catechu (betel palm) (17)	Do.*
Do	Hibiscus sp.	Do.*
Coccus viridis (coffee scale)	Coffea sp. (coffee)	Do.*
Do	Gardenia sp.	Do.*
Columbella sp. (Mollusca)	In soil about dead fern	Pennsylvania.
Dacus cucurbitae (melon fly)	Carica papaya (papaya)	Do.*

List, by countries, of pests collected and reported from January 1 to December 31, 1923, inclusive—Continued

Country of origin and name of pest	Host	Intercepted in—
Hawaii (continued)		
Insects: (continued)		
Dacus cucurbitae (melon fly)	Cucumis sativus (cucumber) (3)	Pennsylvania.*
Diaspis bromeliae (scale insect)	Ananas sativus (pineapple) (65)	Do.*
Diaspis echinocacti (scale insect)	Cactus sp	Do.*
Ereunetis flavistriata (sugar-cane bud moth).	Cocos nucifera (coconut) (29)	Do.*
Fiorinia floriniae (scale insect)	Palm (seed)	Do.*
Hemichionaspis aspidistrae (aspidistra scale).	do	Do.*
Hemichionaspis minor (scale insect)	Cocos nucifera (coconut) (49)	Do.*
Hipponix sp. (Mollusca)	In soil about dead fern	Pennsylvania.
Howardia biclavis (mining scale)	Calluna vulgaris (heather)	California.*
Do	Coffea sp. (coffee)	Do.*
Do	Hibiscus sp. (3)	Do.*
Lepidosaphes auriculata (scale insect)	Croton sp. (2)	Do.*
Do	Undetermined plant	Do.*
Lepidosaphes beckii (purple scale)	Citrus grandis (grapefruit)	Do.*
Lepidosaphes sp. (scale insect)	Areca catechu (betel palm)	Hawaii.*
Do	Citrus sinensis (orange)	California.*
Lucina sp. (Mollusca)	In soil about dead fern	Pennsylvania.
Melania sp. (Mollusca)	do	Do.
Mites	Cocos nucifera (coconut)	California.*
Monomorium pharaonis (Pharoah's ant).	Ti wood	Do.*
Do	Vitis sp. (grape)	Do.*
Monomorium sp. (ant)	Areca catechu (betel palm)	Do.*
Morganella maskelli (scale insect)	Hibiscus sp	Do.*
Mylabris gonagra (Mylabridae)	Cassia nodosa(pink and white shower seeds).	District of Columbia.
Mylabris limbatus (Mylabridae)	Acacia sp. (seed) (2)	California.*
Do	Prosopis chilensis (Algaroba pods)	Do.*
Do	Seed leis	Do.*
Mylabris protractus (Mylabridae)	Prosopis chilensis (Algaroba pods)	Do.*
Mylabris sp. (Mylabridae)	Prosopis chilensis (Algaroba pods) (2)	Do.*
Do	Seeds used as beads (2)	Do.*
Do	Pisum sativum (peas)	Do.*
Do	Seed leis	Do.*
Parlatoria proteus (scale insect)	Croton sp	Do.*
Pectinophora gossypiella (pink bollworm).	Gossypium sp. (cotton bolls) (2)	Do.*
Phenacaspis eugeniae (scale insect)	Kukui nut	Do.*
Phenacaspis inday (scale insect)	Cocos nucifera (coconut) (2)	Do.*
Phenacaspis sp. (scale insect)	Cocos nucifera (coconut) (9)	Do.*
Do	Persea gratissima (avocado)	Do.*
Prenolepis longicornis (crazy ant)	Vitis sp. (grape)	Do.*
Prenolepis sp. (ant)	Cocos nucifera (coconut) (2)	Do.*
Do	Hibiscus sp	Do.*
Pseudaonidia clavigera (scale insect)	Unknown	Do.*
Do	Eugenia malaccensis (ohia)	District of Columbia.
Do	Hibiscus sp. (2)	California.*
Pseudococcus adonidum (long-tailed mealybug).	Hibiscus sp	Do.*
Pseudococcus bromeliae (pineapple mealybug).	Ananas sativus (pineapple) (66)	Do.*
Pseudococcus citri (citrus mealybug)	Artocarpus incisa (breadfruit)	District of Columbia.
Rhabdocnemis obscurus (Hawaiian sugar-cane borer).	Saccharum officinarum (sugar cane)	California.*
Ripersia palmarum (scale insect)	Cocos nucifera (coconut) (32)	Do.*
Ripersia sp. (scale insect)	Jambosa malaccensis (Malay apple-tree).	Do.*
Rissoina sp. (Mollusca)	In soil about dead fern	Pennsylvania.
Saissetia hemisphaerica (hemispherical scale).	Coffea sp. (coffee)	California.*
Do	Vitis sp. (grape)	Do.*
Saissetia nigra (scale insect)	Areca catechu (betel palm) (9)	Do.*
Do	Hibiscus sp. (2)	Do.*
Sternochetus mangifera(mango weevil)	Mangifera indica (mango) (9)	Do.*
Tetramorium caespitum (ant)	Cocos nucifera (coconut)	Do.
Trionymus sp. (scale insect)	Saccharum officinarum (sugar cane)	Hawaii.*
Truncatella sp. (Mollusca)	In soil about dead fern	Pennsylvania.
Trypetid larvae	Carica papaya (papaya)	California.*
Xyletobius sp. (Anobiidae)	Straw packing	Do.*
Disease:		
Pestalozzia guepini	Rhododendron ponticum (Pontic rhododendron).	District of Columbia.
HOLLAND		
Insects:		
Agriolimax agrestis (Mollusca)	Lilium candidum (Madonna lily bulbs).	Pennsylvania.
Agriotes sp. (Elateridae)	Astilbe sp. (roots)	District of Columbia.

List, by countries, of pests collected and reported from January 1 to December 31, 1923, inclusive—Continued

Country of origin and name of pest	Host	Intercepted in—
Holland (continued)		
Insects: (continued)		
Ametastegia glabrata (sawfly)	Magnolia alba (magnolia) dead twigs	District of Columbia.
Anthicus floralis (Anthicidae)	On outside of bag of bulbs	Washington.
Anthomyiid	Iris sp. (bulbs)	California.*
Anthrenus sp. (Dermestidae)	Hyacinthus sp. (bulbs)	Pennsylvania.
Anuraphis tulipae (aphid)	Iris sp. (bulbs) (11)	District of Columbia.
Do	Tulipa sp. (bulbs)	California.*
Aphiochaeta sp. (Phoridae)	Narcissus sp. (bulbs)	Pennsylvania.
Aporia crataegi (white tree pierid) (nests).	Pyrus sp. (pear seedlings)	New York.*
Arion hortensis limbata (Mollusca)	Lilium candidum (Madonna lily bulbs).	Pennsylvania.
Aspidiotus hederae (ivy scale)	Citrus limonia (lemon)	Florida.*
Do	do	South Carolina.
Brachyrhinus sulcatus (black vine beetle).	Hosta (funkia roots or clumps)	District of Columbia.
Brachyrhinus sp. (Otiorhynchidae)	do	Do.
Brontes sp. (Cucujidae)	Solanum tuberosum (potato)	Pennsylvania.
Cecidomyiid	Chionodoxa (glory-of-the-snow bulbs)	Massachusetts.
Do	Crocus sp. (bulbs)	Pennsylvania.
Do	Hyacinthus sp. (bulbs)	Maryland.
Do	do	New York.
Do	Hyacinthus sp. (bulbs) (8)	Pennsylvania.
Do	Narcissus sp. (bulbs)	District of Columbia.
Do	Narcissus sp. (bulbs) (2)	Massachusetts.
Do	Narcissus sp. (bulbs) (16)	Pennsylvania.
Do	Solanum tuberosum (potato)	Do.
Chionaspis salicis (scale insect)	Ceanothus sp	District of Columbia.
Chironomid	Narcissus sp. (bulbs)	Pennsylvania.
Coprodiplosis sp. (Cecidomyiidae)	do	Do.
Curculionid larvæ	Trollius (globeflower)	District of Columbia.
Diploiulus luscus (myriopod)	Dahlia sp. (root)	Maryland.
Elaterid	Bulbs	California.*
Emphytina tener (sawfly)	Magnolia alba (magnolia) dead twigs	District of Columbia.
Emphytus cinctus (sawfly)	Rosa rugosa (Rugosa rose stocks)	Illinois.*
Do	Rosa sp. (Manetti rose stocks) (4)	Connecticut.*
Emphytus sp. (sawfly)	Magnolia sp	District of Columbia.
Endrosis lacteella (Oecophoridae)	Hyacinthus sp. (bulbs)	Oregon.
Do	Narcissus sp. (bulbs) (2)	Pennsylvania.
Endrosis sp. (Oecophoridae)	Gladiolus sp. (bulbs)	District of Columbia.
Ephestia cautella (fig moth)	Tulipa sp. (bulb)	Pennsylvania.
Eumerus strigatus (lesser bulb fly)	Hyacinthus sp. (bulbs)	New York.
Do	do	Pennsylvania.
Do	Iris sp. (bulbs)	California.*
Do	Narcissus sp. (bulbs)	Maryland.
Do	Narcissus sp. (bulbs) (2)	Massachusetts.
Do	do	New York.
Do	Narcissus sp. (bulbs) (5)	Pennsylvania.
Forficula auricularia (European earwig).	Delphinium sp. (larkspur)	District of Columbia.
Do	Hyacinthus sp. (bulbs)	Pennsylvania.
Do	In box containing bulbs	District of Columbia.
Do	On outside of case of bulbs	New York.
Forficula auricularia var. forcipata (European earwing).	do	Do.
Idiopterus sp. (aphid)	Cineraria sp	Do.
Isopod	Bulbs	California.*
Julus sp. (myriopod)	Narcissus sp. (bulbs) (5)	Pennsylvania.
Lepidosaphes beckii (purple scale)	Citrus limonia (lemon)	South Carolina.
Lepidosaphes gloverii (Glover's scale)	Citrus sinensis (orange)	Florida.*
Lepidosaphes ulmi (oyster-shell scale)	Ceanothus sp	District of Columbia.
Merodon equestris (narcissus fly)	Narcissus sp. (bulbs)	California.*
Do	do	District of Columbia.
Do	Narcissus sp. (bulbs) (4)	New York.
Merodon sp. (Syriphidae)	Narcissus sp. (bulbs) (2)	Do.
Do	do	Pennsylvania.
Mycetophilid	Dahlia sp. (roots)	Maryland.
Myzus sp. (aphid)	Dahlia sp	District of Columbia.
Nabis rugosus (Nabidae)	Rhododendron sp	Do.
Neuropteroid (Hemerobidae)	do	Do.
Noctuid	Narcissus sp. (bulbs)	Pennsylvania.
Notolophus antiqua (European tussock moth).	Magnolia sp	District of Columbia.
Do	Prunus mahaleb (Mahaleb cherry stock).	Iowa.*
Ortalid sp	Trollius (globeflower)	District of Columbia.
Pulvinaria sp. (scale insect)	Taxus cuspidata capitata (yew)	Do.
Pyralid (Phycitinae)	Galanthus (snowdrop) bulb	New York.
Do	In packing with narcissus sp. (bulbs)	Pennsylvania.

List, by countries, of pests collected and reported from January 1 to December 31, 1923, inclusive—Continued

Country of origin and name of pest	Host	Intercepted in—
Holland (continued)		
Insects: (continued)		
Pyralid	Narcissus sp. (bulbs)	New York.
Pyralis farinalis (Pyralidae)	In box with Lilium sp. (lily bulbs)	District of Columbia.
Rhegmoclema atrata (Bibionidae)	Hyacinthus sp. (bulbs) (2)	Pennsylvania.
Rhegmoclema atrata (Bibionidae)	Narcissus sp. (bulbs)	Do.
Rhegmoclema sp. (Bibionidae)	do	Do.
Rhizoglyphus hyacinthi (bulb mite)	Chionodoxa (glory-of-the-snow bulbs)	Massachusetts.
Do	Colchicum (autumn crocus bulbs) (2)	District of Columbia.
Do	do	Maryland.
Do	Gladiolus sp. (bulbs)	District of Columbia.
Do	do	New York.
Do	Galanthus (snowdrop bulbs)	Massachusetts.
Do	do	Pennsylvania.
Do	Hyacinthus sp. (bulbs) (2)	California.*
Do	Hyacinthus sp. (bulbs) (1)	Maryland.
Do	Hyacinthus sp. (bulbs) (3)	Massachusetts.
Do	Hyacinthus sp. (bulbs) (15)	New York.
Do	Hyacinthus sp. (bulbs) (8)	Pennsylvania.
Do	Iris sp. (bulbs)	California.*
Do	Iris sp. (bulbs) (5)	District of Columbia.
Do	Ixia sp. (bulbs)	Pennsylvania.
Do	Narcissus sp. (bulbs) (5)	Massachusetts.
Do	Narcissus sp. (bulbs) (19)	New York.
Do	Narcissus sp. (bulbs) (12)	Pennsylvania.
Do	Scilla sp. (bulbs) (2)	California.*
Do	Scilla sp. (bulbs) (4)	Pennsylvania.
Do	Solanum tuberosum (potato)	Do.
Do	Tulipa sp. (bulbs)	Maryland.
Do	Tulipa sp. (bulbs) (5)	Massachusetts.
Do	Tulipa sp. (bulbs) (2)	Michigan.*
Do	Tulipa sp. (bulbs) (3)	New York.
Do	Tulipa sp. (bulbs)	Pennsylvania.
Rhizoglyphus sp. (mite)	Aconitum (monkshood)	District of Columbia
Do	Bulbs	California.*
Do	Helenium (sneezeweed)	District of Columbia.
Do	Narcissus sp. (bulbs)	Pennsylvania.
Sciara sp. (Mycetophilidae)	Hyacinthus (bulbs)	Maryland.
Do	do	New York.
Do	do	Pennsylvania.
Do	Lilium candidum (Madonna lily bulbs)	Do.
Do	Narcissus sp. (bulbs)	California.*
Do	Narcissus sp. (bulbs) (5)	Massachusetts.
Do	Narcissus sp. (bulbs) (4)	New York.
Do	Narcissus sp. (bulbs) (9)	Pennsylvania.
Do	Solanum tuberosum (potato)	Do.
Do	Trollius (globeflower)	District of Columbia.
Do	Tulipa sp. (bulbs)	Pennsylvania.
Syrphid	Narcissus sp. (bulbs)	District of Columbia.
Do	do	New York.
Tinea fascipunctella (Tineidae)	Hyacinthus sp. (bulbs)	Pennsylvania.
Tyroglyphid	Crocus sp. (bulbs)	Do.
Do	Narcissus sp. (bulbs)	Do.
Tyroglyphus farinae (mite)	Scilla sp. (bulbs)	Michigan.*
Tyroglyphus lintneri (mite)	Lilium sp. (lily bulbs)	New York.
Diseases:		
Actinomyces scabies	Solanum tuberosum (potato)	Florida.*
Bacterium tumefaciens	Rosa sp. (Manetti rose stocks)	Unknown.
Botrytis tulipae	Tulipa sp	New York.
Botrytis cinerea	Anchusa myosotidiflora (Siberian bugloss).	District of Columbia.
Do	Cleanothus sp	Do.
Botrytis	Allium cepa (onion)	Pennsylvania.
Claviceps microcephala	Phragmites phragmites	District of Columbia.
Fusarium	Iris sp	Do.
Heterodera radicicola	Clematis sp	Do.
Penicillium sp	Galanthus elwesii	Do.
Do	Iris sp	Do.
Pestalozzia guepini	Rhododendron ponticum (Pontic rhododendron).	Do.
Phytophthora infestans	Solanum tuberosum (potato)	Pennsylvania.
Tylenchus dipsaci	Hyacinthus sp. (4)	New York.
Do	Narcissus sp	District of Columbia.
Do	do	Maryland.
Do	Narcissus sp. (2)	New York.
Do	Narcissus sp	Pennsylvania.

List, by countries, of pests collected and reported from January 1 to December 31, 1923, inclusive—Continued

Country of origin and name of pest	Host	Intercepted in—
HONDURAS		
Insects:		
Aspidiotus cocotiphagus (scale insect)	Cocos nucifera (coconut)	Florida.*
Aspidiotus lataniae (scale insect)	Musa sp. (banana) leaf	Do.*
Asterolecanium sp. (scale insect)	Cocos nucifera (coconut)	Do.*
Chrysomphalus aurantii (California red scale).	Citrus sp	Do.*
Lepidosaphes beckii (purple scale)	Citrus aurantifolia (lime)	Do.*
HUNGARY		
Insects:		
Helicella variabilis (Mollusca)	In soil about hydrangea sp	Pennsylvania.
Pheidole sp. (ant)	Holcus sorghum var. (broomcorn)	New York.
Psenulus atratus (Sphecidae)	do	Do.
Pyrausta nubilalis (European corn borer).	Holcus sorghum var. (broomcorn) (25)	Do.
INDIA		
Insects:		
Aspidiotus hederae (ivy scale)	Palm	New York.
Blastobasid	Stick lea	Do.
Callimomid	Tephrosia candida (seed)	District of Columbia.
Crematogaster sp. (ant)	Orchid	New York.
Eublemma sp. (Noctuidae)	Stick lea	Do.
Eurytomine (Chalcididae)	Triticum (wheat heads)	District of Columbia.
Monomorium pharaonis (Pharoah's ant).	Bromeliaceae	Do.
Mylabrid	Masoor Dhal-Harlan No. 133 (seed)	Do.
Mylabris quadrimaculatus (Mylabridae).	Vigna catjang (cowpea seeds)	Do.
Mylabris quadrimaculatus (Mylabridae).	Unknown	Do.
Mylabris sp. (Mylabridae)	Albizzia lebbeck (lebbek seed)	Do.
Do	Cajanus indicus (pigeon pea)	Do.
Do	Piptanthus nepalensis (seed)	Do.
Do	Tephrosia sp. (seed)	Do.
Noctuid (Erastriinae)	Twigs covered with Carteria lacca	New York.
Parlatoria proteus (scale insect)	Palm leaf stems	Pennsylvania.
Pseudococcus sp. (mealybug)	Orchid	District of Columbia.
Pyralid (Epipaschiinae)	Holcus sorghum (sorghum seed) (2)	Do.
Pyralid	Stick lea	New York.
Rhizoglyphus sp. (mite)	Taraktogenos kurzii (chaulmoogra tree)	District of Columbia.
Tachardia lacca (scale insect)	Sticks of Pepul tree	Pennsylvania.
Tyroglyphus sp. (mite)	Dysoxylon sp. (seed)	District of Columbia.
Diseases:		
Aspergillus niger	Mangifera indica (mango)	California.*
Aspergillus repens	Zizyphus jujuba (jujube)	District of Columbia.
IRELAND		
Insects:		
Anthonyiid	Packing for Rosa sp. (Manetti rose stocks).	Pennsylvania.
Chironomid	do	Do.
Curculionid larva	Taken in box containing shamrock packed in soil and moss.	Do.
Emphytus cinctus (sawfly)	Rosa sp. (Manetti rose stocks) (2)	Do.
Do	Rosa sp. (Manetti rose stocks) (5)	Pennsylvania.*
Fannia sp. (Anthomyiidae)	Packing for Rosa sp. (Manetti rose stocks).	Pennsylvania.
Forficula auricularia (European earwig).	Unknown	New York.
Meligethes aeneus (Nitidulidae)	Taken in package containing shamrocks packed in moss and soil.	Pennsylvania.
Myzus sp. (aphid)	Chrysanthemum sp. (roots)	New York.
Noctuid	Unknown	Do.
Nopoiulus minutus (myriopod)	In soil and moss used as packing for shamrock.	Pennsylvania.
Oecophorid	Old bags used for grain	New York.
Schendyla nemorensis (myriopod)	Chrysanthemum sp. (roots)	Do.
Sciara sp. (Mycetophilidae)	Hedera (ivy)	Massachusetts.
Tineid	do	Do.
Diseases:		
Actinomyces scabies	Solanum tuberosum (potato)	New York.
Botrytis cinerea	Gentiana verna	District of Columbia.
Phytophthora infestans	Solanum tuberosum (potato)	New York.
ISLAND OF GUERNSEY		
Insects:		
Emerus strigatus (lesser bulb fly)	Narcissus sp. (bulbs)	Do.
Rhizoglyphus hyacinthi (bulb mite)	do	Do.

List, by countries, of pests collected and reported from January 1 to December 31, 1923, inclusive—Continued

Country of origin and name of pest	Host	Intercepted in—
ISLE OF PINES		
Insects:		
Aspidiotus cocotiphagus (scale insect)	Cocos nucifera (coconut)	Florida.*
Aspidiotus destructor (scale insect)	Cocos nucifera (coconut) (2)	Do.*
Chrysomphalus dictyospermi (scale insect).	Magnifera indica (mango)	Do.*
Hemichionaspis minor (scale inset)	Bobug tree pod	Do.*
Do	Hibiscus sp. (2)	Do.*
Lepidosaphes beckii (purple scale)	Citrus grandis (grapefruit)	Massachusetts.
Do	Citrus sinensis (orange)	District of Columbia.
Lepidosaphes gloverii (Glover's scale)	do	Do.
Mealybug	Croton sp.	Florida.*
Parlatoria pergandii (chaff scale)	Diospyros sp. (persimmon)	Do.*
Pseudococcus citri (citrus mealybug)	Acalypha sp. (copperleaf)	Do.*
Pseudococcus bromeliae (pineapple mealybug).	Persea gratissima (avocado)	Do.*
Pseudoparlatoria parlatorioides (scale insect).	Acalypha sp. (copperleaf)	Do.*
ITALY		
Insects:		
Aleyrodid	Citrus sinensis (orange)	New York.
Anisolabis annulipes (earwig)	Zea mays (corn)	Do.
Anthomyiid	Outside of a bag of Triticum (wheat) (2)	Do.
Do	Unknown	Texas.
Aonidia lauri (scale insect)	Laurus sp. (laurel) (3)	New York.
Aphanus quadratus (Lygaeidae)	Castanea sp. (chestnuts)	District of Columbia.
Arctiid	Malus sp. (apple) stocks	Pennsylvania.
Armadillidium sp. (isopod)	Geranium sp.	New York.
Aspidiotus camelliae (scale insect)	Citrus sinensis (orange)	Do.
Do	Euonymus radicans (wintercreeper)	Pennsylvania.
Aspidiotus hederae (ivy scale)	Acacia longifolia (Sydney wattle)	New York.
Do	Aucuba japonica (Japanese aucuba) (2)	Do.
Do	Aucuba japonica (Japanese aucuba)	Pennsylvania.
Do	Aucuba japonica variegata (Golddust aucuba).	Do.
Do	Citrus limonia (lemon) (4)	California.*
Do	Citrus limonia (lemon)	Louisiana.
Do	Citrus limonia (lemon) (7)	Massachusetts.
Do	Citrus limonia (lemon) (25)	New York.
Do	Citrus limonia (lemon) (9)	Pennsylvania.
Do	Citrus limonia (lemon)	South Carolina.
Do	Croton sp. (2)	New York.
Do	Euonymus sp.	Do.
Do	Laurus sp. (laurel) (2)	Do.
Do	Palm	Do.
Aspidiotus hederae (ivy scale)	Palm (3)	Pennsylvania.
Do	Unknown	New York.
Aspidiotus lataniae scale insect)	Palm	Do.
Aspidiotus sp. (scale insect)	Citrus limonia (lemon)	California.*
Do	Citrus sinensis (orange)	New York.
Aulacaspis pentagona (West Indian peach scale).	Jasminum sp. (jasmine)	Do.
Aulacaspis rosae (rose scale)	Rosa sp. (rose) (4)	Do.
Balaninus sp. (Curculionidae)	Castanea sp. (chestnuts) (4)	California.*
Brevicoryne brassicae (aphid)	Brassica oleracea (cabbage)	New York.
Ceroplastes sp. (scale insect)	Ficus sp. (fig)	Do.
Chionaspis euonymi (euonymus scale)	Euonymus sp. (6)	Do.
Do	Euonymus sp. (2)	Pennsylvania.
Chironomid	In soil about conifers	Do.
Chrysomela fastuosa (Chrysomelidae)	Dried bark of fir branches	Do.
Chrysomelid	Unknown	Do.
Chrysomphalus aonidum (Florida red scale).	Citrus limonia (lemon)	Massachusetts.
Chrysomphalus aurantii (California red scale).	Croton sp.	New York.
Chrysomphalus dictyospermi (scale insect).	Aucuba japonica (Japanese aucuba)	Pennsylvania.
Do	Aucuba japonica variegata (Golddust aucuba).	Do.
Do	Citrus limonia (lemon)	California.*
Do	Citrus limonia (lemon) (2)	Massachusetts.
Do	Citrus limonia (lemon) (5)	New York.
Do	Citrus limonia (lemon) (3)	Pennsylvania.
Do	Citrus limonia (lemon)	South Carolina.
Do	Citrus sinensis (orange) (2)	New York.
Do	Citrus sinensis (orange)	Pennsylvania.
Do	Croton sp. (2)	New York.
Do	Euonymus radicans (wintercreeper)	Pennsylvania.
Do	Euonymus sp. (2)	New York.
Do	Euonymus sp.	Pennsylvania.

List, by countries, of pests collected and reported from January 1 to December 31, 1923, inclusive—Continued

Country of origin and name of pest	Host	Intercepted in—
Italy (continued)		
Insects: (continued)		
Chrysomphalus dictyospermi (scale insect).	Palm	New York.
Do	do	Pennsylvania.
Do	Ligustrum sp. (privet)	New York.
Do	Taxus baccata (English yew)	Pennsylvania.
Do	Taxus sp. (yew)	New York.
Chrysomphalus dictyospermi pinnulifera (scale insect).	Palm	Do.
Chrysomphalus dictyospermi var. (scale insect).	Camellia sp	Do.
Do	Citrus limonia (lemon)	Massachusetts.
Do	Citrus limonia (lemon) (2)	New York.
Do	Citrus sinensis (orange)	Do.
Do	Clematis sp	Do.
Do	Euonymus sp	Do.
Do	Laurus sp. (laurel)	District of Columbia.
Do	Laurus sp. (laurel) (5)	New York.
Do	Palm (2)	Do.
Chrysomphalus dictyospermi var. (scale insect).	Taxus sp. (yew)	Do.
Chrysomphalus sp. (scale insect)	Citrus limonia (lemon)	Do.
Do	Conifer	Pennsylvania.
Do	Palm	New York.
Clausilia sp. (Mollusca)	In soil about dead plants	Pennsylvania.
Coccinae (scale insect)	Citrus limonia (lemon)	New York.
Coccus hesperidum (soft brown scale)	Laurus sp. (laurel) (7)	Do.
Do	Laurus sp. (laurel)	Pennsylvania.
Coccus sp. (scale insect)	do	New York.
Crytops hortensis (myriopod)	In soil about conifers	Pennsylvania.
Curculionid	Castanea sp. (chestnuts)	New York.
Dacus oleae (olive fly)	Olea europea (olive)	Do.
Do	Straw packing for melon in basket	Pennsylvania.
Diaspinae (scale insect)	Citrus limonia (lemon)	Massachusetts.
Dolichopodid	In soil about conifers	Pennsylvania.
Epidiaspis piricola (scale insect)	Unknown	District of Columbia.
Eriosoma lanigerum (wooly apple aphid).	Malus sylvestris (apple) roots	Pennsylvania.
Fiorinia fioriniae (scale insect)	Palm	Florida.*
Forficula sp. (earwig)	In soil about roses	New York.
Glechiid	Unknown	Pennsylvania.
Gonophilus alpinus (myriopod)	In soil about dead plants	Do.
Helicella variabilis (Mollusca)	do	Do.
Helops sp. (Tenebrionidae)	Vitis vinifera (grapevine roots)	New York.
Hemichionaspis aspidistrae (aspidistra scale).	Aspidistra sp	Do.
Icerya purchasi (cottony cushion scale)	Citrus sinensis (orange)	Do.
Lasius sp. (ant)	In soil about Rosa sp. (roses)	Do.
Lecanium sp. (scale insect)	Unknown	District of Columbia.
Lepidosaphes beckii (purple scale)	Citrus limonia (lemon) (4)	California.*
Do	Citrus limonia (lemon)	Louisiana.
Do	Citrus limonia (lemon) (5)	Massachusetts.
Do	Citrus limonia (lemon) (13)	New York.
Do	Citrus limonia (lemon) (6)	Pennsylvania.
Do	Citrus limonia (lemon)	South Carolina.
Do	Citrus nobilis (tangerine) (2)	New York.
Do	Citrus sinensis (orange)	Massachusetts.
Do	Citrus sinensis (orange) (11)	New York.
Do	Citrus sinensis (orange) (2)	Pennsylvania.
Do	Citrus sp	Do.
Lepidosaphes ficus (scale insect)	Ficus sp. (fig cions) (2)	Do.
Lepidosaphes ulmi (oyster-shell scale)	Citrus sinesis (orange)	Do.
Lepidosaphes sp. (scale insect)	Ficus sp. (fig cions)	Do.
Lithobius forficatus (myriopod)	In soil about dead plants	Do.
Lithobius pusillus (myriopod)	In soil about potted palm	Do.
Lithocolletis sp. (Gracilariidae)	Amygdalus persica (peach) leaf	New York.
Lygaeid nymph	In soil about vine	Do.
Merodon sp. (Syrphidae)	Unknown	Do.
Mylabris sp. (Mylabridae)	Chopped herbs	Washington.
Mytilus edulis (Mollusca)	In soil about potted palm	Pennsylvania.
Noctuid	Holcus sorghum var. (broomcorn)	Maryland.
Do	Holcus sorghum var. (broomcorn) (8)	New York.
Do	Holcus sorghum var. (broomcorn)	Pennsylvania.
Olethreutid	Unknown	New York.
Opeas gracilis (Mollusca)	In soil about dead plants	Pennsylvania.
Parlatoria oleae (scale insect)	Amygdalus communis (almond)	New York.
Do	Amygdalus persica (peach)	Do.
Do	Mespilus germanica (medlar) (2)	Do.
Do	Mespilus germanica (medlar)	Pennsylvania.

List, by countries, of pests collected and reported from January 1 to December 31, 1923, inclusive—Continued

Country of origin and name of pest	Host	Intercepted in—
Italy (continued)		
Insects: (continued)		
Parlatoria pergandii (chaff scale)	Citrus limonia (lemon)	California.*
Do	Citrus limonia (lemon) (3)	New York.
Do	Citrus sinensis (orange) (3)	Massachusetts.
Do	Croton sp	New York.
Do	Unknown	Do.
Parlatoria pergandii camelliae (scale insect).	Camellia sp	Do.
Parlatoria pergandii var. (scale insect)	Laurus canariensis (canary laurel)	Do.
Parlatoria ziziphus (scale insect)	Citrus limonia (lemon)	Massachusetts.
Do	Citrus limonia (lemon) (2)	New York.
Do	Citrus limonia (lemon)	Pennsylvania.
Do	Citrus nobilis (tangerine)	New York.
Do	Citrus sinensis (orange)	Pennsylvania.
Parlatoria sp. (scale insect)	Citrus limonia (lemon) (2)	California.*
Pegomyia sp. (Anthomyiidae)	Allium cepa (onion)	Pennsylvania.
Phycitid	Citrus limonia (lemon)	Louisiana.
Polydesmus sp. (myriopod)	In soil about conifers	Pennsylvania.
Porcellio rathkei (isopod)	Solanum tuberosum (potato)	Massachusetts.
Porcellio sp. (isopod)	In soil about potted plant	New York.
Pseudococcus citri (mealybug)	Citrus limonia (lemon)	Louisiana.
Do	Citrus limonia (lemon) (2)	New York.
Do	Citrus sinensis (orange)	Massachusetts.
Do	Punica granatum (pomegranate)	New York.
Pseudococcus sp. (mealybug)	Ficus sp. (fig)	Do.
Pyralid (Phycitinae)	Holcus sorghum var. (broomcorn)	Do.
Do	Malus sylvestris (apple)	Do.
Do	Punica granatum (pomegranate) (2)	Do.
Pyrausta nubilalis (European corn borer).	Holcus sorghum var. (broomcorn) (13)	Do.
Pyrausta sp. (Pyralidae)	Holcus sorghum var. (broomcorn)	Do.
Rhizoglyphus hyacinthi (bulb mite)	Allium cepa (onion)	Pennsylvania.
Rhizoglyphus sp. (mite)	Solanum tuberosum (potato)	Florida.*
Saissetia hemisphaerica (hemispherical scale).	Euonymus sp	Pennsylvania.
Saissetia oleae (black scale)	Citrus sinensis (orange)	New York.
Schendyla nemorensis (myriopod)	In soil about conifers	Pennsylvania.
Sciara sp. (Mycetophilidae)	In soil and decayed primrose leaves	New York.
Do	Sorbus domesticus (servicetree)	Do.
Sesamia cretica (Noctuidae)	Holcus sorghum var. (broomcorn)	Do.
Synergus sp. (Cynipidae) (Guests)	Istrian galls	Do.
Syrphid	Laurus sp. (laurel) (2)	Do.
Tetramorium caespitum (ant)	In soil about potted Dianthus (carnations).	Do.
Tetranychus sp. (mite)	Citrus limonia (lemon)	Pennsylvania.
Tortricid	Laurus sp. (laurel)	New York.
Tribolium ferrugineum (rust-red flour beetle).	Corylus (filbert nuts)	Pennsylvania.
Triglyphothrix striatidens (ant)	Melons	New York.
Trioza alacris (Chermidae)	Laurus sp. (laurel)	Do.
Tyroglyphus lintneri (mite)	Citrus limonia (lemon)	Do.
Do	Punica granatum (pomegranate)	Pennsylvania.
Vallonia pulchella (Mollusca)	Solanum tuberosum (potato)	Massachusetts.
Zonitoides sp. (Mollusca)	In soil about conifers	Pennsylvania.
Diseases:		
Bacterium tumefaciens	Malus sp. (apple)	Do.
Graphiola phoenicis	Phoenix sp. (date palm) (2)	New York.
Puccinia sp	Unknown	Pennsylvania.
JAMAICA		
Insects:		
Aleurocanthus woglumi (citrus blackfly).	Citrus nobilis (tangerine) (2)	New York.
Do	Citrus sinensis (orange) (4)	Do.
Do	Citrus sp. (leaves)	Do.
Do	Citrus sp. (leaves) (3)	Pennsylvania.
Aleurocanthus sp. (whitefly)	Citrus sinensis (orange)	Maryland.
Do	Citrus sp. (leaves)	Pennsylvania.
Anastrepha fraterculus (West Indian fruit fly).	Mangifera indica (mango)	Florida.*
Do	Mangifera indica (mango) (9)	New York.
Do	Mangifera indica (mango)	Pennsylvania.
Do	Psidium guajava (guava)	New York.
Anastrepha sp. (Trypetidae)	Achras sapota (sapodilla)	Do.
Do	Eugenia jambos (Malay apple)	Do.
Do	Mangifera indica (mango) (27)	Do.
Do	Mangifera indica (mango) (9)	Pennsylvania.
Do	Psidium guajava (guava)	New York.

List, by countries, of pests collected and reported from January 1 to December 31, 1923, inclusive—Continued

Country of origin and name of pest	Host	Intercepted in—
Jamaica (continued)		
Insects: (continued)		
Ancylostomia stercorea (Pyralidae)	Cicer sp. (chick-pea)	New York.
Anisolabis annulipes (earwig)	Green herbs	Pennsylvania.
Anisolabis sp. (earwig)	Dioscorea sp. (yam) (2)	Do.
Do	Herbs	Maryland.
Do	Tamarindus indica (tamarind)	Pennsylvania.
Anthomyiid	Zea mays (corn)	Do.
Aspidiotus hederae (ivy scale)	Citrus aurantifolia (lime)	Do.
Aspidiotus lataniae (scale insect)	Achras sapota (sapodilla) (2)	Do.
Do	Achras sapota (sapodilla)	New York.
Do	Cocos nucifera (coconut)	Do.
Do	Mangifera indica (mango)	Do.
Do	Punica granatum (pomegranate)	Do.
Asterolecanium pustulans (scale insect).	Achras sapota (sapodilla)	Do.
Asterolecanium pustulans (scale insect).	Annona cherimola (cherimoya)	Do.
Do	Mangifera indica (mango)	Do.
Aulacaspis pentagona (West Indian peach scale).	Bryophyllum pinnatum	Maryland.
Do	Capsicum annuum (pepper)	New York.
Do	Carica papaya (papaya) (20)	Do.
Do	Carica papaya (papaya) (2)	Pennsylvania.
Do	Mangifera indica (mango)	New York.
Do	Prunus serrulata (Oriental cherry)	District of Columbia.
Do	Prunus yedvensis (Yoshino cherry)	Do.
Do	Sedum (stonecrop)	New York.
Do	Theobroma cacao (cocoa)	Do.
Aulacaspis sp. (scale insect)	Capsicum annuum (pepper)	Maryland.
Bactridium apicale (Monotomidae)	Dioscorea sp. (yam)	Pennsylvania.
Blattid (Epilamprinae)	Herbs	Maryland.
Caligonus terminalis (mite)	Citrus sp. (leaves)	Pennsylvania.
Camponotus capperi var. (ant)	Musa sp. (banana)	New York.
Carpolonchaea pendula (Sapromyzidae).	Artocarpus incisa (breadfruit)	Do.
Caryoborus gonagra (Mylabridae)	Tamarindus indica (tamarind)	Do.
Cathartus gemellatus (Silvanidae)	Dioscorea sp. (yam)	Massachusetts.
Cecidomyiid	Ananas sativus (pineapple)	New York.
Do	Herbs	Pennsylvania.
Chaetopsis sp. (Ortalidae)	Zea mays (corn)	Do.
Chionaspis citri (orange Chionaspis)	Citrus aurantifolia (lime)	Do.
Do	Citrus grandis (grapefruit)	New York.
Do	Citrus sinensis (orange) (2)	Do.
Do	Citrus sinensis (orange)	Pennsylvania.
Do	Citrus sp. (leaves) (3)	Do.
Chloridea virescens (Noctuidae)	Cicer sp. (chick-pea)	New York.
Chloridea sp. (Noctuidae)	Zea mays (corn)	Massachusetts.
Chrysomelid	Herbs	Pennsylvania.
Chrsomphalus aonidum (Florida red scale.	Citrus aurantifolia (lime)	New York.
Do	Citrus grandis (grapefruit) (5)	Do.
Do	Citrus grandis (grapefruit)	Pennsylvania.
Do	Citrus sinensis (orange) (4)	New York.
Do	Citrus sinensis (orange)	Pennsylvania.
Do	Mangifera indica (mango) (3)	New York.
Chrysomphalus aurantii (California red scale).	Mangifera indica (mango) (4)	Do.
Chrysomphalus bromeliae (scale insect).	Ananas sativus (pineapple)	Pennsylvania.
Chrysomphalus dictyospermi (scale sect).	Cinnamomum sp. (cinnamon leaf)	New York.
Do	Citrus aurantifolia (lime)	Do.
Do	Citrus sinensis (orange)	Pennsylvania.
Do	Mangifera indica (mango) (3)	New York.
Do	Vanda batemanii (orchid)	Missouri.
Chrysomphalus sp. (scale insect)	Citrus grandis (grapefruit)	New York.
Do	Citrus sp. (leaves)	Pennsylvania.
Do	Mangifera indica (mango)	Do.
Chrysomphalus sp. (scale insect)	Musa sp. (banana)	New York.
Chymomyza amoena (Drosophilidae)	Persea gratissima (avocado)	Pennsylvania.
Coccus acuminatus (scale insect)	Unknown	Do.
Coccus hesperidum (soft brown scale)	Carica papaya (papaya) (2)	New York.
Do	Citrus sinensis (orange)	Do.
Do	Citrus sp. (leaves)	Pennsylvania.
Coccus sp. (scale insect)	Carica papaya (papaya)	New York.
Do	Citrus sinensis (orange)	Maryland.
Colopterus amputatus (Nitidulidae)	Zea mays (corn)	Pennsylvania.
Corylophid	Green herbs	Do.
Corythaica carinata (Tingididae)	Herbs	Do.

List, by countries, of pests collected and reported from January 1 to December 31, 1923, inclusive—Continued

Country of origin and name of pest	Host	Intercepted in—
Jamaica (continued)		
Insects: (continued)		
Crematogaster sp. (ant)	Musa sp. (banana)	New York.
Circulionid larva	Colocasia esculenta (dasheen)	Do.
Cylas formicarius (sweet-potato weevil)	Ipomoea batatas (sweet potato)	Florida.*
Do	Ipomoea batatas (seeet potato) (3)	New York.
Diaspis boisduvalli (Boisduval's scale)	Ananas sativus (pineapple)	Pennsylvania.
Do	Cocus nucifera (coconut) (2)	New York.
Diaspis bromeliae (scale insect)	Ananas sativus (pineapple)	Do.
Do	do	Pennsylvania.
Diatraea saccharalis (sugar-cane moth borer).	Saccharum officinarum (sugar cane) (2)	Do.
Europs sp. (Cucujidae)	Musa sp. (banana) leaf rubbish	Do.
Euscepes batatae (West Indian sweet-potato weevil).	Dioscorea sp. (yam)	New York.
Euxesta sp. (Ortalidae)	Zea mays (corn)	Pennsylvania.
Frankliniella cephalica (thrips)	Herbs	Do.
Geometrid	Bouquet of flowers	Do
Hemichionaspis minor (scale insect)	Annona cherimola (cherimoya)	Do.
Do	Annona sp	Do.
Do	Citrus sinensis (orange)	Do.
Do	Unknown	Do.
Hemichionaspis sp. (scale insect)	Mangifera indica (mango)	Do.
Howardia biclavis (mining scale)	Achras sapota (sapodilla) (2)	Do.
Hypothenemus sp. (Scolytidae)	Dioscorea sp. (yam)	Do.
Ischnaspis longirostris (thread scale)	Diospyrus ebenum	Missouri.
Do	Licuala elegans (palm)	Do.
Do	Mangifera indica (mango) (2)	New York.
Do	Myristica fragrans (nutmeg)	Missouri.
Do	Napoleona imperialis	Do.
Do	Palm	New York.
Jamaicana subguttata (Tettigoniidae)	Unknown	Pennsylvania.
Labia curvicauda (earwig)	Musa sp. (banana) leaf rubbish (2)	Do.
Lepidosaphes bekii (purple scale)	Carica papaya (papaya) (2)	New York.
Do	Citrus aurantifolia (lime) (5)	Do.
Do	Citrus aurantifolia (lime) (4)	Pennsylvania.
Do	Citrus grandis (grapefruit) (13)	New York.
Do	Citrus grandis (grapefruit) (2)	Pennsylvania.
Do	Citrus nobilis (tangerine) (4)	New York.
Lepidosaphes beckii (purple scale)	Citrus sinensis (orange) (2)	Maryland.
Do	Citrus sinensis (orange) (18)	New York.
Do	Citrus sinensis (orange) (11)	Pennsylvania.
Do	Citrus sp. (leaves)	New York.
Do	Citrus sp. (8)	Pennsylvania.
Lepidosaphes gloverii (Glover's scale)	Citrus grandis (grapefruit)	New York.
Do	Citrus nobilis (tangerine)	Do.
Do	Citrus sp. (leaves)	Pennsylvania.
Lepidosaphes sp. (scale insect)	Croton sp	Louisiana.
Do	Croton sp. (2)	New York.
Leptinaria striosa (Mollusca)	Musa sp. (banana) leaf rubbish	Pennsylvania.
Lobiopa lecumana (Nitidulidae)	do	Do.
Mantispid	Musa sp. (banana)	New York.
Metamasius sericeus (sugar-cane borer)	Musa sp. (banana) (stalk)	Pennsylvania.
Metoponorthus pruinosus (isopod)	Ipomoea batatas (sweet potato)	Do.
Monomorium destructor (ant)	Ananas sativus (pineapple)	Do.
Monomorium floricola (ant)	Cocos mucifera (coconut)	Do.
Monomorium pharaonis (Pharaoh's ant).	Ananas sativus (pineapple)	Do.
Do	Dioscorea sp. (yam)	Do.
Do	Herbs	Do.
Monomorium sp. (ant)	Musa sp. (banana) leaf rubbish	Do.
Mylabris sp. (Mylabridae)	Basket of miscellaneous fruits and vegetables.	New York.
Noctuid	Herbs	Maryland.
Nymphalid	Bouquet of flowers	Pennsylvania.
Do	Herbs	Do.
Nysius sp. (Lygaeidae) (nymph)	do	Do.
Palembus ocularis (Tenebrionidae)	Tamarindus indica (tamarind)	New York.
Parlatoria pergandii (chaff scale)	Croton sp	Do.
Parlatoria proteus (scale insect)	Mangifera indica (mango) (2)	Do.
Parlatoria theae (scale insect)	Acer palmatum (Japanese maple)	District of Columbia.
Parlatoria sp. (scale insect)	Mangifera indica (mango)	New York.
Pheidole megacephala (ant)	Ananas sativus (pineapple)	Pennsylvania.
Pheidole sp. (ant)	do	Do.
Pierid	Bouquet of flowers	Do.
Pinnaspis buxi (scale insect)	Dracaena sp. (dracena)	Do.
Pleurodonte aspera (Mollusca)	Musa sp. (banana)	Do.
Prenolepis longicornis (crazy ant)	Musa sp. (banana) (leaf rubbish) (2)	Do.
Prenolepis sp. (ant)	In soil and on foliage	Missouri.
Prolabia arachidis (brown earwig)	Dioscorea sp. (yam)	Pennsylvania.

List, by countries, of pests collected and reported from January 1 to December 31, 1923, inclusive—Continued

Country of origin and name of pest	Host	Intercepted in—
Jamaica (continued)		
Insects: (continued)		
Prolabia jamaicana (earwig)	Herbs	Pennsylvania.
Protopulvinaria pyriformis (scale insect).	Cinnamomum zeylanicum (cinnamon)	Missouri.
Pseudaonidia articulatus (rufous scale)	Annona cherimola (Cherimoya)	New York.
Do	Annona muricata (sour sop)	Do.
Do	Cassia sp. (cassia bean)	Do.
Do	Citrus aurantifolia (lime) (3)	Do.
Do	Citrus grandis (grapefruit) (4)	Do.
Do	Citrus nobilis (tangerine) (3)	Do.
Do	Citrus sinensis (orange) (6)	Do.
Do	Citrus sinensis (orange) (2)	Pennsylvania.
Do	Citrus sp. (leaves) (3)	Do.
Do	Genipa sp. (leaves)	New York.
Do	Mangifera indica (mango) (9)	Do.
Do	Mangifera indica (mango)	Pennsylvania.
Do	Persea gratissima (avocado)	New York.
Do	do	Pennsylvania.
Do	Punica granatum (pomegranate)	New York.
Do	Theobroma cacao (cocoa)	Missouri.
Pseudococcus adonidum (long-tailed mealybug).	Dracaena sp. (dracena)	Pennsylvania.
Do	Mangifera indica (mango)	New York.
Do	Rosa sp. (rose) (leaves)	Pennsylvania.
Do	Solanum melongena (egg plant)	Maryland.
Pseudococcus bromeliae (pineapple mealybug).	Ananas sativus (pineapple) (7)	New York.
Do	Ananas sativus (pineapple) (3)	Pennsylvania.
Do	Citrus sinensis (orange)	New York.
Do	Mangifera indica (mango)	Do.
Do	Punica granatum (pomegranate) (3)	Do.
Pseudococcus citri (citrus mealybug)	Musa sp. (banana) stem	Do.
Do	Punica granatum (pomegranate) (2)	Do.
Do	Chayota edulis (chayote)	Pennsylvania.
Do	Theobroma cacao (cocoa)	New York.
Pseudococcus filamentosus (mealybug)	Annona muricata (sour sop)	Do.
Pseudococcus maritimus (mealybug)	do	Do.
Pseudococcus nipae (palm mealybug)	do	Do.
Pseudococcus sp. (mealybug)	Chayota edulis (chayote) (2)	Maryland.
Do	Citrus grandis (grapefruit)	Pennsylvania.
Do	Croton sp.	Louisiana.
Do	Mangifera indica (mango)	New York.
Do	Musa sp. (banana) leaf	Pennsylvania.
Do	Punica granatum (pomegranate)	Maryland.
Do	do	New York.
Do	Saccharum officinarum (sugar cane)	Maryland.
Pseudoparlatoria ostreata (scale insect)	Carica papaya (papaya)	New York.
Pseudoparlatoria parlatorioides (scale insect).	Cocos mucifera (coconut)	Maryland.
Psychoda sp. (Psychodidae)	Musa sp. (banana) leaf rubbish	Pennsylvania.
Pulvinaria psidii (scale insect)	Mangifera indica (mango)	New York.
Do	Punica granatum (pomegranate)	Do.
Pyralid (Epipaschiinae)	Packing material	Massachisetts.
Pyralid (Phycitinae)	Achras sapota (sapodilla)	New York.
Do	Tamarindus indica (tamarind)	Do.
Do	do	Pennsylvania.
Pyralid	Cicer sp. (chick-pea)	New York.
Do	Herbs	Pennsylvania.
Pyralid	Prunus serrulata (oriental cherry)	District of Columbia.
Pyroderces rileyi (Cosmopterygidae)	Saccharum officinarum (sugar cane)	Pennsylvania.
Saissetia hemisphaerica (hemispherical scale).	Citrus sinensis (orange)	New York.
Do	do	Pennsylvania.
Do	Herbs	Do.
Saissetia oleae (black scale)	Citrus sp. (leaves)	Do.
Do	Croton sp.	New York.
Do	Mangifera indica (mango) (2)	Do.
Saissetia sp. (scale insect)	Annona muricata (sour sop)	Do.
Do	Punica granatum (pomegranate)	Do.
Sciara sp. (Mycetophilidae)	Musa sp. (banana) leaf rubbish	Pennsylvania.
Scolytid	Cocos nucifera (coconut)	Maryland.
Sitophilus linearis (tamarind podborer).	Tamarindus indica (tamarind) (5)	New York.
Do	Tamarindus indica (tamarind) (2)	Pennsylvania.
Solenopsis sp. (ant)	Dioscorea sp. (yam)	New York.
Syrphid	Mangifera indica (mango)	Do.
Tagalis sp. (Reduviidae) (nymph)	Musa sp. (banana) leaf rubbish	Pennsylvania.
Tapinoma melanocephalum (ant)	Herbs	Do.
Do	Musa sp. (banana) leaf	Do.

List, by countries, of pests collected and reported from January 1 to December 31, 1923, inclusive—Continued

Country of origin and name of pest	Host	Intercepted in—
Jamaica (continued)		
Insects: (continued)		
Targionia bromeliae (scale insect)	Ananas sativus (pineapple)	Pennsylvania.
Targionia hartii (scale insect)	Dioscorea sp. (yam) (10)	New York.
Do	Dioscorea sp. (yam) (1)	Pennsylvania.
Targionia sacchari (scale insect)	Saccharum officinarum (sugar cane)	Maryland.
Targionia sp. (scale insect)	do	Pennsylvania.
Tineid	Carica papaya (papaya)	New York.
Do	Moringa oleifera (horseradish tree) (3)	Do.
Do	Saccharum officinarum (sugar cane)	Pennsylvania.
Tortricid	Musa sp. (banana)	New York.
Trypetid	Mangifera indica (mango)	Pennsylvania.
Tyroglyphus sp. (mite)	Ananas sativus (pineapple)	New York.
Do	Corm	Pennsylvania.
Do	Saccharum officinarum (sugar cane)	Maryland.
Vinsonia stellifera (star scale)	Garcinia mangostana (mangosteen)	Missouri.
Do	Stanhopea tricornis (orchid)	Do.
Diseases:		
Colletotrichum cradwickii	Theobroma cacao (cocoa)	New York.
Colletotrichum gloeosporioides	Citrus sinensis (orange)	Pennsylvania.
Do	Theobroma cacao (cocoa)	New York.
Diplodia cacaoicola	Persea gratissima (avocado) (2)	Pennsylvania.
Diplodia perseana	do	Do.
Diplodia sp	Capsicum annuum (pepper)	Maryland.
Do	Chayota edulis (chayote)	Do.
Gloeosporium sp	Saccolabium giganteum (orchid)	Missouri.
Thielaviopsis paradoxa	Ananas sativus (pineapple)	Pennsylvania.
JAPAN		
Insects:		
Agriolimax agrestis (Mollusca)	In soil about plants	Hawaii.*
Aiolomorphus rhopaloides (Chalcididae).	Bambusa sp (bamboo)	District of Columbia
Anisolabis marginalis (earwig)	In soil about plants	Hawaii.*
Anisolabis sp. (earwig)	In soil about roots of plants	California.*
Anthomyiid	Solanum tuberosum (potato)	Washington.
Aphid	Ornamental plants	California.*
Aspidiotus sp. (scale insect)	Euonymus sp	Hawaii.*
Aulacaspis pentagona (West Indian peach scale).	Prunus sp. (plum)	California.*
Do	Unknown	Hawaii.*
Aulacaspis rosae (rose scale)	Rubus sp. (raspberry) cuttings	California.*
Camponotus sp. (ant)	Paulownia sp. (logs)	Hawaii.*
Chionaspis citri (orange Chionaspis)	Citrus sp	Do.*
Chionaspis sp. (scale insect)	Pyrus serotina (sand pear)	Do.*
Chironomid	Dioscorea sp. (yam)	Oregon.
Chrysomphalus aonidum (Florida red scale).	Citrus sinensis (orange)	California.*
Chrysomphalus aurantii (California red scale).	do	Washington.
Coccus hesperidum (soft brown scale)	Rosa sp. (rose)	Massachusetts.
Crematogaster laboriosa (ant)	Paulownia sp. (logs) (3)	Hawaii.*
Curculionid	Castanea sp. (chestnuts)	Washington.
Dichomeris limitella (Gelechiidae)	Wisteria sp	California.*
Earwig	Castanea sp. (chestnuts)	Do.*
Do	Chrysanthemum sp. (plants)	Hawaii.*
Euponera solitaria (ant)	Paulownia sp. (logs)	Do.*
Hemichionaspis aspidistrae (asphidistra scale).	Citrus nobilis (tangerine)	Do.*
Do	Citrus sinensis (orange)	Washington.
Do	Citrus sp	Hawaii.*
Do	Iris sp. (plants)	Do.*
Histiostoma sp. (mite)	Eutrema wasabi plants	District of Columbia.
Iridomyrmex itoi (ant)	Paulownia sp. (logs) (4)	Hawaii.*
Isopod	Chrysanthemum sp. (plants)	Do.*
Do	In soil about roots of plants	California.*
Lasius fuliginosus (ant)	Paulownia sp. (logs)	Hawaii.*
Lepidosaphes beckii (purple scale)	Citrus sinensis (orange) (3)	California.*
Do	Citrus sinensis (orange)	Oregon.
Lepidosaphes ficus (scale insect)	Pyrus serotina (sand pear)	Hawaii.*
Lepidosaphes gloverii (Glover's scale)	Citrus sinensis (orange) (2)	California.*
Do	Citrus sinensis (orange)	Washington.
Lepidosaphes sp. (scale insect)	Citrus nobilis (tangerine)	Hawaii.*
Do	Citrus sp	Do.*
Do	Iris sp. (plants)	Do.*
Lithobius holstii (myriopod)	In soil about plants	Do.*
Megastigmus sp. (Callimomidae)	Cryptomeria japonica (common cryptomeria) seeds.	Pennsylvania.
Melanotus sp. (Elateridae)	Lilium sp. (lily bulbs)	New York.
Mite	Zea mays (corn)	California.*

List, by countries, of pests collected and reported from January 1 to December 31, 1923, inclusive—Continued

Country of origin and name of pest	Host	Intercepted in—
Japan (continued)		
Insects: (continued)		
Mollusca	Chrysanthemum sp (plants)	Hawaii.*
Monomorium pharaonis (Pharoah's ant).	Castanea sp. (chestnuts)	California.*
Monomorium pharaonis (Pharaoh's ant).	Unknown	Hawaii.*
Monophlebid larvæ	Chrysanthemum sp. (plants)	Do.*
Myriopod	Chrysanthemum sp. (plants) (2)	Do.*
Do	In soil about roots of plants	California.*
Orthomorpha sp. (myriopod)	do	Hawaii.*
Paralatoria pergandii (chaff scale)	Citrus grandis (grapefruit)	Do.*
Do	Citrus nobilis (tangerine) (2)	Do.*
Do	Citrus sinensis (orange) (4)	California.*
Do	Citrus sinensis (orange)	Washington.
Do	Citrus sp	Hawaii.*
Parlatoria pergandii theae (scale insect)	Rosa sp. (rose)	Massachusetts.
Paralatoria proteus (scale insect)	Iris sp. (plants)	Hawaii.*
Parlatoria ziziphus (scale insect)	Citrus sinensis (orange)	California.*
Parlatoria sp. (scale insect)	Pyrus serotina (sand pear)	Hawaii.*
Pheidole sp. (ant)	In soil about roots of plants	California.*
Do	Chrysanthemum sp. (plants)	Hawaii.*
Ponerinae (ant)	Paulownia sp. (logs)	Do.*
Porcellio sp. (isopod)	In soil about plants	Do.*
Prenolepis flavipes (ant)	do	Do.*
Prenolepis sp. (ant)	Acer sp. (maple trees)	California.*
Pseudaonidia duplex (camphor scale)	Citrus sinensis (orange) (2)	Washington.
Do	Diospyros sp. (persimmon wood)	California.*
Pseudaonidia paeoniae (scale insect)	Rosa sp. (rose)	Massachusetts.
Pseudaonidia trilobitiformis (scale insect).	Citrus nobilis (tangerine) (2)	Hawaii.*
Do	Citrus sinensis (orange) (3)	California.*
Pseudococcus sp. (mealybug)	Pyrus serotina (sand pear)	Hawaii.*
Psychid	Potted plant	Washington.
Pyralid (Pyraustinae)	Grass	District of Columbia
Rhizoglyphus hyacinthi (bulb mite)	Lilium formosum (easter lily)	Utah.*
Do	Lilium sp. (lily)	California.*
Scarabaeid	Chrysanthemum sp. (plants)	Hawaii.*
Sciara sp. (Mycetophilidae)	Arctium sp. (burdock root)	Pennsylvania.
Solenopsis geminata (ant)	Paulowia sp. (logs)	Hawaii.*
Tetramorium calspitum (ant)	In soil about plants	Do.*
Tineid	Aralia sieboldi (aralia)	District of Columbia.
Tortricid	Potted plant (2)	Washington.
Trogositid	Wood of packing box	Hawaii.*
Tyroglyphus sp. (mite)	Dioscorea sp. (yam)	Oregon.
Do	Lilium sp. (lily bulbs)	New York.
Diseases:		
Bacterium citri	Citrus sp	California.*
Bacterium tumefaciens	do	Do.*
Botrytis sp	Acer palmatum (Japanese maple)	District of Columbia
Cladosporium citri	Citrus nobilis (tangerine) (2)	Hawaii.*
Do	Citrus sinensis (orange)	Do.*
Do	Citrus sp. (2)	California.*
Clavicops microcephala	Zoysia pungens (Manilla grass)	District of Columbia.
Phoma citricarpa	Citrus grandis (grapefruit)	California.*
Phoma citricarpa	Citrus sinensis (orange)	Hawaii.*
Phomopsis citri	Citrus grandis (grapefruit)	Do.*
Do	Citrus sinensis (orange) (2)	Do.*
Pseudomonas (Bacterium) citri	Citrus aurantifolia (lime)	Do.*
JAVA		
Insect:		
Scolytid	Tree seeds	Hawaii.*
Diseases:		
Diplodia cacaoicola	Castanea sp. (chestnut)	District of Columbia
Do	Quercus sp. (oak)	Do.
LUXEMBURG.		
Insect:		
Coccus hesperidum (soft brown scale)	Laurus sp. (laurel)	New York.
MALTA.		
Insect:		
Pathorimaea operculella (potato-tuber moth).	Solanum tuberosum (potato)	New York.
MARTINIQUE		
Insects:		
Lepidosaphes beckii (purple scale)	Citrus sinensis (orange)	Florida.*
Pseudaonidia articulatus (rufous scale)	do	Do.*

List, by countries, of pests collected and reported from January 1 to December 31, 1923, inclusive—Continued

Country of origin and name of pest	Host	Intercepted in—
MEXICO		
Insects:		
Acentrocneme hesperiaria (Hesperiidae).	Agave sp. (maguey plant)	El Paso, Tex.
Acrocinus longimanus (Cerambycidae)	Unknown	Galveston, Tex.
Amphicerus punctipennis (Bostrichidae).	Coffea sp. (coffee wood)	California.*
Anarsia lineatella (Gelechiidae)	Amygdalus persica (peach) (2)	El Paso, Tex.
Anastrepha ludens (Mexican fruit fly)	Citrus sinensis (orange)	California.*
Do	do	Florida.*
Do	do	El Paso, Tex.
Do	Mangifera indica (mango) (2)	California.*
Do	do	Brownsville, Tex.
Do	do	El Paso, Tex.
Do	do	Laredo, Tex.
Anastrepha sp. (Trypetidae)	Citrus sinensis (orange)	El Paso, Tex.
Do	Mangifera indica (mango)	Eagle Pass, Tex.
Do	Mangifera indica (mango) (2)	El Paso, Tex.
Do	Persea gratissima (avocado)	Do.
Anthomyiid	Citrus aurantifolia (lime)	Eagle Pass, Tex.
Anthonomus eugenii (pepper weevil)	Capsicum annuum (green chili peppers) (2).	El Paso, Tex.
Aspidiotus camelliae (scale insect)	Psidium guajava (guava)	Do.
Aspidiotus hederae (ivy scale)	Citrus aurantifolia (lime) (2)	Do.
Aspidiotus lataniae (scale insect)	Diospyros ebenaster ("guayabota")	Laredo, Tex.
Do	Unknown	District of Columbia.
Aspidiotus sp. (scale insect)	Cocos nucifera (coconut)	Florida.*
Do	Mangifera incida (mango)	El Paso, Tex.
Aulacaspis sp. (scale insect)	Palm	New York.
Bephrata sp. (Chalcididae)	Annona sp. (seeds)	District of Columbia.
Buprestis lineata (Buprestidae)	Unknown	Galveston, Tex.
Camponotus sp. (ant)	do	Do.
Carpolonchaea sp. (Sapromyzidae)	Persea gratissima (avocado)	El Paso, Tex.
Carpophilus ligneus (Nitidulidae)	Palma fruit	District of Columbia.
Carpophilus lugubris (Nitidulidae)	Zea mays (corn)	El Paso, Tex.
Carpophilus sp. (Nitidulidae)	Ananas sativus (pineapple)	Pennsylvania.
Do	Palma fruit	District of Columbia
Cerambycid	Prosopis juliflora (mesquit wood) (2)	El Paso, Tex.
Chloridea obsoleta (corn earworm)	Lycopersicum esculentum (tomato) (13).	California.*
Do	Zea mays (corn) (2)	El Paso, Tex.
Chloridea sp. (Noctuidae	Zea mays (corn)	Do.
Chrysomphalus aonidum (Florida red scale).	Citrus sinensis (orange)	California.*
Chrysomphalus aurantii (California red scale).	Citrus aurantifolia (lime)	Nogales, Ariz.
Do	do	California.*
Do	Citrus limonia (lemon)	El Paso, Tex.
Do	Citrus sinensis (orange) (3)	California.*
Do	Citrus sinensis (orange) (2)	El Paso, Tex.
Chrysomphalus aurantii var. citrinus (scale insect).	Citrus sinensis (orange)	California.*
Chrysomphalus dictyospermi (scale insect).	Citrus aurantifolia (lime) (2)	El Paso, Tex.
Do	Citrus sinensis (orange)	California.*
Do	Citrus sinensis (orange) (3)	El Paso, Tex.
Do	Mangifera indica (mango)	Do.
Do	Unknown	District of Columbia.
Chrysomphalus dictyospermi var. (scale insect).	Citrus sinensis (orange) (2)	El Paso, Tex.
Chrysomphalus koebelei (scale insect)	Citrus sinensis (orange)	Do.
Chrysomphalus scutiformis (scale insect).	Citrus aurantifolia (lime) (3)	California.*
Chrysomphalus sp. (scale insect)	Cocos nucifera (coconut)	Florida.*
Coccus hesperidum (soft brown scale)	Cactus sp	District of Columbia.
Do	Diospyros ebenaster ("guayabota")	Laredo, Tex.
Conotelus obscurus (Nitidulidae)	Solanum tuberosum (potato)	Louisiana.
Conotrachelus n. sp. (Curculionidae)	Persea, gratissima (avocado)	Del Rio, Tex.
Conotrachelus sp. (Curculionidae)	do	Eagle Pass, Tex.
Corizus hyalinus (Coreidae)	Lycopersicum esculentum (tomato)	El Paso, Tex.
Curculionid	Capsicum annuum (green chili pepper).	Do.
Do	Mimosa sp. (seed)	District of Columbia.
Do	Saccharum officinarum (sugar cane)	El Paso, Tex.
Cylas formicarius (sweet-potato weevil).	Ipomoea batatas (sweet potato)	Eagle Pass, Tex.
Diabrotica 12-punctata (Chrysomelidae).	Lactuca sativa (lettuce)	El Paso, Tex.
Diabrotica vittata (Chrysomelidae)	Unknown	Do.
Diaspis echinocacti cacti (scale insect).	Cactus sp	California.*
Do	do	District of Columbia

List, by countries, of pests collected and reported from January 1 to December 31, 1923, inclusive—Continued

Country of origin and name of pest	Host	Intercepted in—
Mexico (continued)		
Insects: (continued)		
Diaspis sp. (scale insect)	Cactus sp	District of Columbia.
Do	Diospyros ebenaster ("guayabota")	Laredo, Tex.
Diatraea sp. (Pyralidae)	Holcus sorghum var. (broomcorn)	Brownsville, Tex.
Do	Zea mays (corn)	El Paso, Tex.
Doru lineare (earwig)	Unknown	Galveston, Tex.
Draeculacephala mollipes (Cicadellidae).	Lactuca sativa (lettuce)	El Paso, Tex.
Dysdercus ruficollis (Pyrrhocoridae)	Gossypium sp. (cotton) plants	Nogales, Ariz.
Edessa bifida (Pentatomidae)	Psidium guajava (guava)	Eagle Pass, Tex.
Enoclerus sp. (Cleridae)	Palma seed (2)	District of Columbia.
Ephestia sp. (Pyralidae) (2)	Gossypium sp. (cottonseed)	Eagle Pass, Tex.
Epicaerus cognatus (Otiorhynchidae)	Solanum tuberosum (potato)	Louisiana.
Do	do	Galveston, Tex.
Epilachna corrupta (Coccinellidae)	Brassica sp. (mustard greens)	El Paso, Tex.
Euschistus servus (Pentatomidae)	do	Do.
Fidia sp. (Chrysomelidae)	Ipomoea batatas (sweet potato)	Eagle Pass, Tex.
Glyptoscelis chontalensis (Chrysomelidae).	Gossypium sp. (cotton) plants	Nogales, Ariz.
Haptoncus luteolus (Nitidulidae)	Psidium guajava (guava)	Eagle Pass, Tex.
Heilipus lauri (avocado weevil)	Persea gratissima (avocado)	Brownsville, Tex.
Do	Persea gratissima (avocado) (2)	Eagle Pass, Tex.
Do	Persea gratissima (avocado)	El Paso, Tex.
Heilipus sp. (Curculionidae)	do	Do.
Hemichionaspis minor (scale insect)	Cocos nucifera (coconut)	Florida.*
Lepidosaphes beckii (purple scale)	Citrus aurantifolia (lime) (3)	California.*
Do	Citrus grandis (grapefruit)	New York.
Do	Citrus limonia (lemon)	California.*
Do	Citrus sinensis (orange) (5)	Do.*
Do	Citrus sinnesis (orange)	Florida.*
Do	Citrus sinensis (orange) (3)	New York.
Do	Citrus sinensis (orange)	Laredo, Tex.
Lepidosaphes gloverii (Glover's scale)	Citrus aurantifolia (lime) (6)	California.*
Do	Citrus limonia (lemon)	Do.*
Do	Citrus nobilis (tangerine)	Laredo, Tex.
Do	Citrus sinensis (orange) (2)	California.*
Do	Citrus sinensis (orange)	New York.
Liparoscelis nigrispinis (Locustidae)	Musa sp. (banana)	Galveston, Tex.
Litargus balteatus (Mycetophilidae)	Ananas sativus (pineapple)	Pennsylvania.
Lycaenid	Hibiscus cardiophyllus	Houston, Tex.
Lygus rubicundus (Miridae)	Lactuca sativa (lettuce)	El Paso, Tex.
Moneilema gigas (Cerambycidae)	Ferocactus latispinus	District of Columbia.
Mylabris sallaei (Mylabridae)	Mimosa sp	Do.
Myzus pericae (green peach aphid)	Beta sp. (beet)	El Paso, Tex.
Do	Brassica rapa (turnip) (3)	Do.
Do	Lactuca sativa (lettuce)	Do.
Myzus sp. (aphid)	Lactuca sativa (lettuce)	Do.
Do	Lilium sp. (lily)	Do.
Noctuid	Tripsacum sp. (grass)	D. C.
Do	Zea mays (corn)	El Paso, Tex.
Olethreutid	Amygdalus persica (peach)	Do.
Do	Leguminous tree	Do.
Do	Malus sylvestris (apple)	Do.
Do	Persea gratissima (avocado)	Nogales, Ariz.
Do	Pinus sp. (pine) cone	El Paso, Tex.
Do	Prunus sp. (plum)	Do.
Parlatoria cinerea (scale insect)	Citrus aurantifolia (lime) (4)	California.*
Parlatoria pergandii (chaff scale)	Citrus limonia (lemon)	Do.*
Do	Citrus nobilis (tangerine)	Laredo, Tex.
Do	Citrus sinensis (orange) (2)	California.*
Do	Citrus sinensis (orange)	Florida.*
Pectinophora gossypiella (pink bollworm).	Gossypium sp. (cottonseed)	Brownsville, Tex.
Do	Gossypium sp. (cottonseed) (8)	Eagle Pass, Tex.
Do	Gossypium sp. (cottonseed) (5)	El Paso, Tex.
Do	Hibiscus cardiophyllus	Houston, Tex.
Pthorimaea operculella (potato-tuber moth).	Solanum tuberosum (potato)	Tucson, Ariz.*
Do	do	Pennsylvania.
Prenolepsis longicornis (crazy ant)	Ananas sativus (pineapple)	California.*
Pseudaonidia articulatus (rufous scale)	Citrus aurantifolia (lime) (2)	Do.*
Do	Citrus sinensis (orange)	Florida.*
Do	do	New York.
Pseudococcus citri (citrus mealybug)	Citrus aurantifolia (lime)	El Paso, Tex.
Do	Citrus sinensis (orange)	New York.
Pyralid (Phycitinae)	Cactus sp	Eagle, Pass, Tex.
Do	Citrus sinensis (orange)	Do.
Rhegmoclema atrata (Bibionidae)	Solanum tuberosum (potato)	Louisiana.
Rhizoglyphus hyacinthi (bulb mite)	do	Do.

List, by countries, of pests collected and reported from January 1 to December 31, 1923, inclusive—Continued

Country of origin and name of pest	Host	Intercepted in—
Mexico (continued)		
Insects: (continued)		
Rhopalosiphum pseudobrassicae (aphid).	Beta sp. (beet)	El Paso, Tex.
Do	Brassica rapa (turnip) (3)	Do.
Do	Lactuca sativa (lettuce)	Do.
Saissetia hemisphaerica (hemispherical scale).	Gardenia sp.	California.*
Saissetia sp. (scale insect)	Unknown	District of Columbia
Tetramorium caespitum (ant)	Musa sp. (banana)	California.*
Tortricid	Psidium guajava (guava)	Eagle Pass, Tex.
Trichopterygid	Cactus sp.	California.*
Trigonogenius farctus (Ptinidae)	Coffee sp. (coffee wood)	Do.*
Xylophanes tersa (Sphingidae)	Unknown	Galveston, Tex.
Diseases:		
Actinomyces scabies	Solanum tuberosum (potato)	Florida.*
Cephalosporium sacchari	Saccharum officinarum (sugar cane)	California.*
Cladosporium citri	Citrus grandis (grapefruit)	Do.*
Do	Citrus sinensis (orange)	Do.*
Do	do	Texas.*
Cladosporium herbarum	do	New York.
Colletorichum agaves	Agave sp. (agave)	Do.
Penicillium digitatum	Citrus limonia (lemon)	Texas.*
Phomopsis citri	Citrus grandis (grapefruit)	California.*
Do	Citrus sinensis (orange)	Do.
Spondylocladium atrovirens	Solanum tuberosum (potato)	Florida.*
NEW ZEALAND		
Insects:		
Aspidiotus camelliae (scale insect)	Prunus sp. (plum seedling)	District of Columbia.
Bruchophagus sp. (Eurytomidae)	Trifolium sp. (clover seed)	Do.
Endrosis lacteella (Oceophridae)	Corynocarpus lavigata (seed)	Do.
Ephestia sp. (Pyralidae)	do	Do.
Eriosoma lanigerum (woolly apple aphid).	Malus sylvestris (apple)	Hawaii.*
Lepidosaphes ulmi (oyster-shell scale)	Malus sylvestris (apple trees)	District of Columbia.
Do	Pyrus prunifolia (pear)	Do.
Myrmica sp. (ant)	In shipment with Malus sp. (apple trees).	Do.
Pseudococcus comstocki (mealybug)	Malus sylvestris (apple) (2)	Hawaii.*
NICARAGUA		
Insects:		
Alegoria complanata (Tenebrionidae)	Musa sp. (banana) leaf	Louisiana.
Aspidiotus cyanophylli (scale insect)	Musa sp. (banana) stem	New York.
Camponotus abdominalis subsp. stercorarius (ant).	Musa sp. (banana) (2)	Do.
Camponotus abdominalis (ant)	Musa sp. (banana)	Do.
Camponotus sp. (ant)	Musa sp. (banana) leaf (5)	Do.
Chondrodesmus nicaraguae (myriopod).	Musa sp. (banana)	Do.
Coccus acuminatus (scale insect)	Ixora sp. (leaves)	California.*
Cylas formicarius (sweet-potato weevil).	Ipomonea batatas (sweet potato)	Florida.*
Dolichoderus bispinosus (ant)	Musa sp. (banana) (2)	New York.
Howardia biclavis (mining scale)	Mammea sp. (fruit)	Do.
Lepidosaphes beckii (purple scale)	Citrus sinensis (orange)	Maryland.
Neoponera villosa (ant)	Musa sp. (banana)	New York.
Pheidole sp. (ant)	Musa sp. (banana) leaf	Do.
Prenolepis longicornis (crazy ant)	do	Do.
Pseudanoidia articulatus (rufous scale)	Musa sp. (banana) stem	Do.
Solenopsis geminata (ant)	Musa sp. (banana)	Do.
Targionia hartii (scale insect)	Dioscorea sp. (yam)	Do.
NORWAY		
Insects:		
Agriotes sputator (Elateridae)	In soil about Ligustrum sp. (privet)	Pennsylvania.
Athous niger (Elateridae)	do	Do.
Cecidomyiid larvae	In box of fern leaves, daisy flowers, and mulberry leaves.	New York.
Cercyon ustulatus (Sphaeridiidae)	In soil about Ligustrum sp. (privet)	Pennsylvania
Lasius umbratus var (ant)	Ribes sp. (currant) and fruit cuttings	Do.
Lecanium corni (scale insect)	Ribes sp. (currant)	New York.
Limonius sp. (Elateridae)	Ribes sp. (currant) and fruit cuttings	Pennsylvania.
Myzus sp. (aphid)	Chrysanthemum sp.	New York.
Noctuid	Ribes sp. (currant) and fruit cuttings	Pennsylvania.
Ploeothrips sp. (thrips)	In box of fern leaves, daisy flowers, and mulberry leaves.	New York.
Rhizoglyphus phylloxerae (mite)	Solanum tuberosum (potato)	South Carolina.
Sciara sp. (Mycetophilidae)	In soil about root of fern	Pennsylvania.

List, by countries, of pests collected and reported from January 1 to December 31 1923, inclusive—Continued

Country of origin and name of pest	Host	Intercepted in—
Norway (continued)		
Insects: (continued)		
Strophosomus rufipes (Otiorhynchidae).	In box of fern leaves, daisy flowers, and mulberry leaves.	New York.
Syrphid larva	do	Do.
Disease:		
Actinomyces scabies	Solanum tuberosum (potato)	Florida.*
NOVA SCOTIA		
Insects:		
Callipterines (aphid)	Alnus sp. (alder)	New York.
Coccus hesperidum (soft brown scale)	Araucaria sp. (araucaria)	Do
Lasius brevicornis (ant)	In soil about Picea sp. (spruce)	Do.
Myrmica brevinodis var. (ant)	do	Do.
Tyroglyphus lintneri (mite)	Solanum tuberosum (potato)	South Carolina.
OCEANIA		
Insect:		
Morganella maskelli (scale insect)	Spondias dulcis (vi-apple)	California.*
ORIENT		
Insects:		
Lepidosaphes beckii (purple scale)	Citrus aurantifolia (lime)	California.*
Lepidosaphes ficus (scale insect)	Pyrus serotina (sand pear)	Hawaii.*
PALESTINE		
Insects:		
Blastodacna sp. (Cosmopterygidae)	Dabbouss Malus sp. (apple cuttings)	District of Columbia.
Chrysomphalus aurantii (California red scale).	Citrus limonia (lemon)	Florida.*
Do	Citrus sp. (cedrats) (2)	California.*
Do	Citrus sp. (esregs)	Oregon.
Parlatoria pergandii (chaff scale)	Citrus sp. (cedrats) (2)	California.*
Pseudococcus citri (citrus mealybug)	do	Do.
PANAMA		
Insects:		
Anochetus emarginatus (ant)	Trichopilia suavis (orchid)	Missouri.
Aspidiotus lataniae (scale insect)	Cocos nucifera (coconut)	Florida.*
Aspidiotus sp. (scale insect)	Achras sapota (sapodilla)	New York.
Aulacaspis pentagona (West Indian peach scale).	Bryophyllus sp	Do.
Do	Carica papaya (papaya) (2)	Do.
Chrysomphalus bowreyi (scale insect)	Brassia gireondeana (orchid)	Missouri.
Do	Epidendrum volutum (orchid)	Do.
Do	Maxillaria alba (orchid)	Do.
Do	Odontoglossum powellii (orchid) (2)	Do.
Do	Oncidium panamense (orchid)	Do.
Chrysomphalus dictyospermi (scale insect.	Cocos nucifera (coconut)	Florida.*
Chrysomphalus sp. (scale insect)	Encyclia hunteriana (orchid)	Missouri.
Do	Epidendrum volutum (orchid)	Do.
Do	Oncidium (orchid)	Do.
Coccus hesperidum (soft brown scale)	Stanhopea wardii var. amoena (orchid)	Do.
Conchaspis angraeci (scale insect)	Oncidium stipitatum (orchid)	Do.
Crematogaster sp. (ant)	Gongora aromatica (orchid)	Do.
Diaphania nitidalis (Pyralidae)	Cucumis sativus (cucumber)	New York.
Diaspisboisduvalii (Boisduval's scale)	Cocos nucifera (coconut)	Florida.*
Do	Hylocereus (night-blooming cereus)	District of Columbia.
Do	Maxillaria gatunensis(orchid)	Missouri.
Do	Orchid	California.*
Heilipus lauri (avocado weevil)	Persea gratissima (avocado)	Massachusetts.
Hemichionaspis aspidistrae (aspidistra scale).	Fern	Florida.*
Lepidosaphes beckii (purple scale)	Citrus aurantifolia (lime)	New York.
Do	Citrus grandis (grapefruit)	South Carolina.
Do	Citrus sinensis (orange)	California.*
Lepidosaphes sp. (scale insect)	Croton sp	Louisiana.
Mylabris longicollis (Mylabridae)	Legume seed	District of Columbia.
Mylabris sp. (Mylabridae)	Aeschynomene (seed)	Do.
Do	Legume seed	Do.
Parlatoria crotonis (scale insect)	Croton sp	Louisiana.
Pheidole sp. (ant)	Peristeria elata (holy-ghost-flower)	Missouri.
Prenolepis longicornis (crazy ant)	Unknown	New York.
Pseudaonidia articulatus (rufous scale)	Dracaena sp. (dracena)	Louisiana.
Pseudaonidia sp. (scale insect)	Coryanthes powellii (orchid)	Missouri.
Pseudococcus bromeliae (pineapple mealybug).	Tubers (unknown)	District of Columbia.
Pseudococcus sp. (mealybug)	Acanthocereus pentagonus	Do.
Do	Cattleya deckeri (orchid)	Missouri.

List, by countries, of pests collected and reported from January 1 to December 31, 1923, inclusive—Continued

Country of origin and name of pest	Host	Intercepted in—
Panama (continued)		
Insects: (continued)		
Pseudoparlatoria sp. (scale insect)	Epidendrum (orchid)	Missouri.
Pulvinaria sp. (scale insect)	Brassia gircondiana (orchid)	Do.
Do	Unknown	Do.
Rhizoglyphus phylloxerae (mite)	Beta sp. (beet)	South Carolina.
Saissetia hemisphaerica (hemispherical scale).	Cycas sp. (sago palm)	New York.
Do	Fern	Florida.*
Sciara sp. (Mycetophilidae)	Orchid	New York.
Symphyothrips punctatus (thrips)	Scales on Cocos nucifera (coconut)	Florida.*
Targionia biformis (scale insect)	Encyclia atropurpurea var. (rhodoglossa (orchid).	Missouri.
Targionia hartii (scale insect)	Dioscorea sp. (yam)	New York.
Tineid	Maxillaria gatunensis (orchid)	Missouri.
Vinsonia stellifera (star scale)	Epidendrum volutum (orchid)	Do.
Do	Stanhopea (orchid)	Do.
Diseases:		
Cladosporium citri	Citrus sinensis (orange)	California.*
Diplodia sp.	Lockhartia pallida (orchid)	Missouri.
Gloeosporium oncidii	Maxillaria powellii	Do.
Gloeosporium maxillariae	Maxillaria pubilabia (orchid)	Do.
PARAGUAY		
Insects:		
Mylabris quadrimaculatus (Mylabridae).	Camanda seed	District of Columbia.
Olibrus sp. (Phalacridae)	do	Do.
PERU		
Insects:		
Aspidiotus hederae (ivy scale)	Palm	New York.
Catorama sp. (Anobiidae)	Gossypium sp. (cotton bolls)	District of Columbia.
Chactopsis sp. (Ortalidae)	Zea mays (corn) (2)	New York.
Chloridea sp. (Noctuidae)	Zea mays (corn)	Do.
Clerada apicicornis (Lygaeidae)	do	Do.
Diaspis echinocacti (scale insect)	Opuntia brasiliensis	District of Columbia.
Diatraea sp. (Pyralidae)	Zea mays (corn)	New York.
Monomorium pharaonis (Pharaoh's ant).	do	Do.
Olethreutid	Phaseolus lunatus (Lima bean)	Do.
Pseudaonidia articulatus (rufous scale)	Citrus limonia (lemon)	Do.
Pseudococcus nipae (palm mealybug)	Palm	Do.
Syrphid	Brassica oleracea (cabbage)	Do.
Trigonogenius globulum (Ptinidae)	Zea mays (corn)	District of Columbia.
Trypopremnon sp. (Brachyrhinidae)	Solanum tuberosum (potato)	Louisiana.
Do	do	New York.
Diseases:		
Actinomyces scabies	Solanum tuberosum (potato)	Florida.*
Cercospora beticola	Beta vulgaris (Swiss chard)	New York
Uromyces betae	do	Do.
PHILIPPINE ISLANDS		
Insects:		
Anthomyiid	Palm seeds	District of Columbia
Araecerus fasciculatus (coffee-bean weevil).	Cicer sp. (chick-pea)	California.*
Aspidiotus destructor (scale insect)	Cocos nucifera (coconut)	Do.*
Do	do	Hawaii.*
Aspidiotus lataniae (scale insect)	Palm	Pennsylvania.
Carpophilus sp. (Nitidulidae)	Cicer sp. (chick-pea) (2)	California.*
Chionaspis sp. (scale insect)	Magnifera indica (mango budwood)	District of Columbia
Do	Orchid	Do.
Coccus sp. (scale insect)	Hibiscus sp	Do.
Corcyra cephalonica (Pyralidae)	Cicer sp. (chick-pea)	California.*
Cosmopolites sordidus (banana root borer).	Musa sp. (banana)	District of Columbia.
Cossonid (Curculionidae)	Musa textiles (abaca)	Do.
Cryphalinae (Scolytidae)	Canarium luzonicum seeds	Do.
Cryptorhynchus sp. (Curculionidae)	Litchi philippinesis	Do.
Embiid	In box with orchid plants	Do.
Do	Palm	Pennsylvania.
Laemophloeus minutus (Cucujidae)	Grain	Hawaii.*
Lepidosaphes megregori (scale insect)	Cocos nucifera (coconut)	California.*
Lepidosaphes sp. (scale insect)	Areca catechu (betel nuts)	Hawaii.*
Do	Mangifera indica (mango budwood)	District of Columbia.
Lyprops sp. (Tenebrionidae)	In wood in which orchid plant was growing.	Do.
Monomorium floricola (ant)	In box with orchids	Do.
Opeas gracilis (Mollusca)	In soil about potted palm plants	Pennsylvania.

List, by countries, of pests collected and reported from January 1 to December 31, 1923, inclusive—Continued

Country of origin and name of pest	Host	Intercepted in—
Philippine Islands (continued)		
Insects: (continued)		
Orthomorpha viatoría (myriopod)	Orchid	District of Columbia.*
Parlatoria ziziphus (scale insect)	Citrus sinensis (orange)	Hawaii.*
Parlatoria sp. (scale insect)	Orchid	California.*
Pheidole sp. (ant)	Musa textilis (abaca)	District of Columbia.
Do	In soil about Musa sp. (banana roots)	Do.
Do	In soil about palm	Pennsylvania.
Phenacaspis sp. (scale insect)	Mangifera indica (Caraboa mango budwood).	District of Columbia.
Pseudococcus sp. (mealybug)	Zingiber officinale (ginger)	Hawaii.*
Do	Orchid	District of Columbia.
Rhizoglyphus sp. (mite)	Vanda sanderiana (orchid)	Do.
Diseases:		
Aspergillus niger	Mangifera indica (mango)	California.*
Colletotrichum gloeosporioides	do	District of Columbia.
Diplodia cacaoicola	do	Do.
Gloeosporium beyrodtii	Vanda sp. (orchid)	California.*
POLAND		
Insects:		
Furcipes rectirostris (Curculionidae)	Prunus padus (European bird cherry seeds).	District of Columbia.
Do	Prunus sp. (cherry seeds)	Do.
Tinea granella (Tineidae)	Mushrooms	Maryland.
PORTO RICO		
Insects:		
Aleurothrixus howardi (woolly whitefly).	Musa sp. (banana) leaf	New York.
Anastrepha sp. (Trypetidae)	Mangifera indica (mango) (2)	Do.
Do	Musa sapientium (plantains)	Do.
Anisolabias sp. (earwig)	Palm seeds	Do.
Aspidiotus destructor (scale insect)	Agave sp. (century plant)	Do.
Do	Cocos nucifera (coconut)	Do.
Do	do	Pennsylvania.
Do	Musa sp. (banana) leaves	New York.
Do	Pandanus sp. (screwpine)	Do.
Do	Persea gratissima (avocado)	Do.
Aspidiotus hederae (ivy scale)	Musa sp. (banana) leaves	Do.
Aspidiotus herculeanus (scale insect)	Mammea americana (mamey apple)	Do.
Aspidiotus lataniae (scale insect)	Achras sapota (sapodilla) (3)	Do.
Aspidiotus palmae (scale insect)	Musa sp. (banana) leaves	Do.
Aspidiotus sp. (scale insect)	do	Do.
Aulacaspis pentagona (West Indian peach scale).	Carica papaya (papaya) (4)	Do.
Chaetopsis sp. (Ortalidae)	Zea mays (corn)	Do.
Chloridea virescens (Noctuidae)	Cicer sp. (chick-pea)	Do.
Chloridea sp. (Noctuidea)	Cicer sp. (chick-pea) (5)	Do.
Do	Pisum sativum (pea)	Do.
Do	Zea mays (corn)	Do.
Chrysomphalus aonidum (Florida red scale).	Citrus grandis (grapefruit)	California.*
Chrysomphalus aurantii (California red scale).	do	Do.*
Do	Citrus sinensis (orange)	Do.*
Chrysomphalus boweyi (scale insect)	Agave fourcroydes (henequen) (2)	District of Columbia.
Chrysomphalus dictyospermi (scale insect).	Mangifera indica (Mango)	New York.
Do	Musa sp. (banana) leaves	Do.
Chrysomphalus dictyospermi var. (scale insect).	Ligustrum sp. (privet)	Do.
Coccus hesperidum (soft brown scale)	Leguminous plant	Do.
Colydiid	Dioscorea sp. (yam)	Do.
Cylas formicarius (sweet-potato weevil).	Ipomoea batatas (sweet potato)	Florida.*
Do	Ipomoea batatas (sweet potato) (2)	New York.
Diaprepes sp. (Otiorhynchidae)	Ipomoea batatas (sweet potato)	Do.
Diaspis boisduvalii (Boisduval's scale).	Musa sp. (banana) leaves	Do.
Diatraea saccharalis (sugar-cane moth borer).	Saccharum officinarum (sugar cane)	Do.
Diatraea sp. (Pyralidae)	do	District of Columbia.
Do	Zea mays (corn)	New York.
Etiella zinckenella (pea-pod borer)	Cicer sp. (chick-pea) (3)	Do.
Euscepes batatae (West Indian sweet-potato weevil).	Dioscorea sp. (yam) (3)	Do.
Hemichionaspis aspidistrae (aspidistra scale).	Aspidistra sp.	Do.
Hemichionaspis minor (scale insect)	Annona muricata (sour sop)	Do.

List, by countries, of pests collected and reported from January 1 to December 31, 1923, inclusive—Continued

Country of origin and name of pest	Host	Intercepted in—
Porto Rico (continued)		
Insects: (continued)		
Hemichionaspis minor (scale insect)	Cocos nucifera (coconut)	New York.
Howardia bielavis (mining scale)	Achras sapota (sapodilla)	Do.
Do	Mammea americana (mamey) (6)	Do.
Ischnaspis longirostris (thread scale)	Palm	Do.
Laphygma frugiperda (Noctuidae)	Zea mays (corn)	Do.
Lepidosaphes beckii (purple scale)	Citrus aurantifolia (lime) (3)	Do.
Do	Citrus grandis (grapefruit) (6)	California.*
Do	Citrus grandis (grapefruit) (5)	New York.
Do	Citrus limonia (lemon)	Do.
Do	Citrus sinensis (orange) (4)	California.*
Do	Citrus sinensis (orange)	Massachusetts.
Do	Citrus sinensis (orange) (8)	New York.
Do	Citrus sp. (2)	Do.
Lepidosaphes gloverii (Glover's scale)	Citrus grandis (grapefruit)	California.*
Lepidosaphes sp. (scale insect)	Croton sp. (3)	New York.
Leptotrichus granulatus (isopod)	Dioscorea sp. (yam)	Do.
Monomorium destructor (ant)	Mangifera indica (mango)	Do.
Myzus sp. (aphid)	Palm seeds	Do.
Ortalid	Zea mays (corn)	Do.
Parlatoria crotonis (scale insect)	Croton sp.	Do.
Parlatoria pergandii (chaff scale)	Citrus grandis (grapefruit)	California.*
Parlatoria sp. (scale insect)	do	New York.
Pectinophora gossypiella (pink bollworm.)	Gossypium sp. (cottonseed) (3)	Do.
Pheidole megacephala (ant)	Chochous	Do.
Pinnaspis buxi (scale insect)	Musa sp. (banana) leaves (2)	Do.
Prenolepis longicornis (crazy ant)	Persea gratissima (avocado)	Do.
Do	Colocasis esculenta (taros)	Do.
Pseudaonidia articulatus (rufous scale).	Acalypha sp. (copperleaf)	Do.
Do	Citrus grandis (grapefruit) (2)	Do
Do	Citrus liminia (lemon)	Do.
Do	Citrus sinensis (orange) (4)	Do.
Do	Musa sp. (banana) leaves (3)	Do.
Psuedococcus bromeliae (pineapple mealybug).	Ananas sativus (pineapple)	California.*
Do	Ananas sativus (pineapple) (3)	New York.
Pseudococcus citri (citrus mealybug)	Citrus sinensis (orange)	Do.
Pseudococcus nipae (palm mealybug)	Persea gratissima (avocado)	Do.
Pseudococcus virgatus (mealybug)	Leguminous plant	Do.
Do	Undetermined plant	Do.
Pseudococcus sp. (mealybug)	Annona muricata (sour sop)	Do
Do	Saccharum officinarum (sugar cane)	District of Columbia.
Pseudoparlatoria ostreata (scale insect).	Carica papaya (papaya)	New York.
Do	Casearia sp.	Do.
Pyralid	Cicer sp. (chick-pea)	Do.
Do	Pisum sativum (pea)	Do.
Pyralid (Phycitinae)	Tamarindus indica (tarmarind)	Do.
Saissetia hemisphaerica (hemispherical scale).	Annona muricata (sour sop)	Do.
Do	Vitis sp. (grape)	Do.
Saissetia nigra (scale insect)	Musa sp. (banana) leaves	Do.
Saissetia oleae (black scale)	Achras sapota (sapodilla)	Do.
Do	Citrus limonia (lemon)	Do.
Silvanus bidentatus (Cucujidae)	Musa sp. (banana) leaves	Do.
Sitophilus linearis (tamarind podborer.)	Tamarindus indica (tamarind) (4)	Do.
Spermophagus sp. (Mylabridae)	Xanthosoma sagittifolium (yautia)	Do.
Tapinoma melanocephalus (ant)	Pennisetum purpureum (napier grass)	Do.
Targionia sacchari (scale insect)	Saccharum officinarum (sugar cane)	Do.
Tenebrionid	Tamarindus indica (tamarind)	Do.
Tetramorium guineense (ant)	In soil about fern	Do.
Tetramorium sp. (ant)	Saccharum officinarum (sugar cane)	Do.
Vinsonia stellifera (star scale)	Citrus sinensis (orange)	Do.
Diseases:		
Colletotrichum gloeosporioides	Mangifera indica (mango)	New York.
Phomopsis citri	Citrus grandis (grapefruit) (2)	California.*
Rhizopus nigricans	Ipomoea batatas (sweet potato)	Pennsylvania.
PORTUGAL		
Insects:		
Aspidiotus camelliae (scale insect)	Citrus sp. (leaves and stem)	Pennsylvania.
Aspidiotus hederae (ivy scale)	Ceratonia siliqua (carob pods)	District of Columbia.
Aspidiotus lataniae (scale insect)	Ceratonia siliqua (carob cuttings)	Do.
Diploiulus sp. (myriopod)	Cork	Pennsylvania.
Lepidosaphes beckii (purple scale)	Citrus sp. (leaves and stem)	Do.

List, by countries, of pests collected and reported from January 1 to December 31, 1923, inclusive—Continued

Country of origin and name of pest	Host	Intercepted in—
Portugal (continued)		
Insects: (continued)		
Nola sp. (Arctiidae)	Cork	Pennsylvania.
Pseudococcus citri (Citrus mealybug)	Ceratonia siliqua (carob pods)	District of Columbia.
Saissetia oleae (black scale)	Citrus sp. (leaves and stem)	Pennsylvania.
Disease:		
Puccinia graminis	Triticum (wheat)	District of Columbia.
RUSSIA		
Insects:		
Mylabris sp. (Mylabridae)	Astragalus hamosus	District of Columbia
Do	Unknown	Do.
ST. LUCIA ISLAND		
Insect:		
Cylas formicarius (sweet-potato weevil).	Ipomoea batatas (sweet potato)	New York.
SAMOA ISLANDS		
Insects:		
Morganella maskelli (scale insect)	Chloroxylon suietenia (satinwood)	California.*
Myriopod	Pandanus sp. (screwpine) seed clusters	Hawaii.*
Prenolepis sp. (ant)	Musa sp. (banana) leaves	Do.*
Scarabaeid larvæ	Artocarpus incisa (breadfruit)	Do.*
SCOTLAND		
Insects:		
Agriolimax agrestis (Mollusca)	In soil about plants	New York.
Do	In moss used as packing about shamrock plants.	Pennsylvania.
Aspidiotus hederae (ivy scale)	Palm	New York.
Chionaspis salicis (scale insect)	Salix herbacea (pygmy willow)	District of Columbia
Coccus hesperidum (soft brown scale)	Palm	Massachusetts.
Hemichionaspis aspidistrae (aspidistra scale).	Aspidistra sp. (2)	New York.
Onthophilus striatus (Histeridae)	In soil about mint and brier rose	Pennsylvania.
Onychiurus sp. (Collembola)	Lilium sp. (lily bulbs)	New York.
Phorodon sp. (aphid)	Mentha sp. (mint)	Pennsylvania.
Porcellio sp. (isopod)	Lilium sp. (lily bulbs)	New York.
Pseudococcus nipae (palm mealybug)	Palm	Massachusetts.
SIAM		
Disease:		
Ustilago zeae	Zea mays (corn)	Maryland.
SOUTH AFRICA		
Insects:		
Aphis sp. (aphid)	"Everlasting blossom"	Pennsylvania.
Do	Ornithogalum sp. (star-of-Bethlehem)	Do.
Macrosiphina (aphid)	"Everlasting blossom"	Do.
Pseudococcus sp. (mealybug)	Musa sp. (banana)	New York.
Disease:		
Puccinia kalchbrenneriana	Ornithogalum sp. (star-of-Bethlehem)	Pennsylvania.
SOUTH AMERICA		
Insects:		
Aspidiotus hederae (ivy scale)	Palm	New York.
Chrysomphalus aonidum (Florida red scale).	do	Do.
Chrysomphalus dictyospermi (scale insect).	do	Do.
Monomorium pharaonis (Pharaoh's ant).	Saccharum officinarum (sugar cane)	California.*
Pyralid (Phycitinae)	Orchid	New York.
Disease:		
Melanconium sacchari	Saccharum officinarum (sugar cane)	Florida.*
SPAIN		
Insects:		
Anthomyiid	Allium cepa (onion)	Pennsylvania.
Aspidiotus hederae (ivy scale)	Citrus limonia (lemon)	Massachusetts.
Do	Palm	Pennsylvania.
Ceratitis capitata (Mediterranean fruit fly).	Vitis sp. (grape) (25)	Massachusetts.
Do	Vitis sp. (grape) (101)	New York.
Do	Vitis sp. (grape) (3)	Pennsylvania.
Chrysomphalus dictyospermi (scale insect).	Citrus limonia (lemon)	Massachusetts.
Chrysomphalus dictyospermi var. (scale insect).	Palm	Pennsylvania.

List, by countries, of pests collected and reported from January 1 to December 31, 1923, inclusive—Continued

Country of origin and name of pest	Host	Intercepted in—
Spain (continued)		
Insects: (continued)		
Lepidosaphes beckii (purple scale)	Citrus limonia (lemon)	Massachusetts.
Do	Citrus sinensis (orange)	Pennsylvania.
Myelois ceratoniae (Pyralidae)	Juglans sp. (walnut)	Do.
Mylabris varius (Mylabridae)	Mixed seeds Hordeum vulgare (barley), Triticum (wheat), Phaseolus sp. (bean).	District of Columbia.
Parlatoria ziziphus (scale insect)	Citrus sinensis (orange)	California.*
Phthorimaea operculella (potato-tuber moth).	Solanum tuberosum (potato) (3)	Pennsylvania.
Probalia sp. (earwig)	Solanum tuberosum (potato)	Do.
Rhizoglyphus hyacinthi (bulb mite)	Solanum tuberosum (potato) (4)	Do.
Rhizoglyphus sp. (mite)	Solanum tuberosum (potato)	Do.
Sciara sp. (Mycetophilidae)	do	Do.
SPANISH HONDURAS		
Insects:		
Aspidiotus cocotiphagus (scale insect)	Cocos nucifera (coconut)	Louisiana.
Aspidiotus cyanophylli (scale insect)	do	Do.
Aulacaspis pentagona (West Indian peach scale).	Carica papaya (papaya)	New York.
Camponotus maculatus var. (ant)	Unknown	Louisiana.
Coccus hesperidum (soft brown scale)	Musa sp. (banana) stem	New York.
Ips. sp. (Scolytidae)	Unknown plant	Louisiana.
Lepidosaphes sp. (scale insect)	Cocos nucifera (coconut)	Do.
Metamasius sericeus (sugar-cane borer)	Unknown	Do.
Pseudomyrma sp. (ant)	Unknown plant	Do.
STRAITS SETTLEMENTS		
Insect:		
Lepidosaphes sp. (scale insect)	Croton sp	Massachusetts
SWEDEN		
Insects:		
Annularis inculata (Mollusca)	In soil about palm	Pennsylvania
Aspidiotus hederae (ivy scale)	Palm	New York.
Do	do	Pennsylvania.
Drymus sylvaticus (Lygaeidae)	Juniperus sp. (juniper)	New York.
Helicella barbara (Mollusca)	In soil about palm	Pennsylvania.
Helicella variabilis (Mollusca)	do	Do.
Idiopterus nephrelepidis (aphid)	In soil about fern	Do.
Julus sp. (myriopod)	do	Do.
Lepidosaphes sp. (scale insect)	Unknown	District of Columbia.
Myrmica ruginodis (ant)	In soil about Picea sp. (spruce seedlings).	New York.
Myzus persicae (green peach aphid)	Chrysanthemum sp	Do.
Do	Fuchsia sp	Do.
Myzus sp. (aphid)	Begonia sp	Do.
Do	Fuchsia sp. (2)	Do.
Do	Rosa sp. (rose)	Pennsylvania.
Newsteadia floccosa (scale insect)	Vaccinium sp. (blueberries)	New York.
Oligotropus sp. (Cecidomyiidae)	Juniperus sp. (juniper)	Do.
Porcellio rathkei (isopod)	Palm	Pennsylvania.
Rhizoglyphus hyacinthi (bulb mite)	Dahlia sp. (roots)	New York.
Sciara sp. (Mycetophilidae)	Fuchsia sp. (leaf)	Do.
Disease:		
Actinomyces scabies	Solanum tuberosum (potato)	Florida.*
SWITZERLAND		
Insect:		
Bibio sp. (Bibionidae)	In soil about Rosa sp. (rose)	New York.
Disease:		
Heterodera radicicola	Dianthus sp. (pink)	Do.
SYRIA		
Insects:		
Aspidiotus cydoniae (scale insect)	Hibiscus sp	Hawaii.*
Aspidiotus lataniae (scale insect)	Unknown	New York.
TAHITI		
Insects:		
Chrysomphalus aurantii (California red scale).	Citrus sinensis (orange)	California
Diaspis bromeliae (scale insect)	Ananas sativus (pineapple)	Do.*
Lepidosaphes beckii (purple scale)	Citrus aurantifolia (lime) (2)	Do.*
Do	Citrus sinensis (orange)	Do.*
Lepidosaphes gloverii (Glover's scale)	Citrus aurantifolia (lime)	Do.*
Parlatoria cinerea (scale insect)	Citrus aurantifolia (lime) (2)	Do.*

List, by countries, of pests collected and reported from January 1 to December 31, 1923, inclusive—Continued

Country of origin and name of pest	Host	Intercepted in—
Tahiti (continued)		
Insects: (continued)		
Pseudococcus bromeliae (pineapple mealybug).	Ananas sativus (pineapple)	California.*
Pseudococcus citri (citrus mealybug)	Citrus aurantifolia (lime)	Do.*
TASMANIA		
Insect:		
Lepidosaphes sp. (scale insect)	Casuarina suberosa seeds	District of Columbia.
TRINIDAD		
Insects:		
Anastrepha sp. (Trypetidae)	Citrus sinensis (orange) (2)	New York.
Ancylostomia stercorea (Pyralidae)	Cicer sp. (chick-pea)	Do.
Aspidiotus cyanophylli (scale insect)	Mangifera indica (mango)	Do.
Do	Palm	Do.
Aspiodotus destructor (scale insect)	Citrus aurantifolia (lime)	Do.
Aspiodotus lataniae (scale insect)	Achras sapota (sapodilla)	Do.
Aulacaspis sp. (scale insect)	Mangiferia indica (mango)	Do.
Chionaspis citri (orange Chionaspis)	Citrus sinensis (orange) (2)	Do.
Chloridea sp. (Noctuidae)	Cicer sp. (chick-pea) (2)	Do.
Do	Zea mays (corn)	Do.
Chrysomphalus aonidum (Florida red scale).	Citrus aurantifolia (lime)	Do.
Chrysomphalus perseae (scale insect)	Rosa sp. (rose)	Do.
Coccotrypes sp. (Scolytidae)	Sabal sp. (palmetto)	District of Columbia.
Coccus viridis (coffee scale)	Imperatoria osthruthium	New York.
Curculionid	Ipomoea batatas (sweet potato)	Do.
Howardia biclavis (mining scale)	Achras sapota (sapodilla)	Do.
Lepidosaphes beckii (purple scale)	Cirtus aurantifolia (lime) (3)	Do.
Do	Citris grandis (grapefruit)	Do.
Do	Citrus sinensis (orange)	Massachusetts.
Do	Citrus sinensis (orange) (4)	New York.
Mylabris sp. (Mylabridae)	Pisum sativum (pea)	Do.
Pachymerus baetris (Mylabridae)	Elaeis guineensis (African oil palm) seeds.	District of Columbia.
Parlatoria pergandii (chaff scale)	Citrus aurantifolia (lime)	Florida.*
Do	do	New York.
Do	Citrus sinensis (orange)	Do.
Prenolepis longicornis (crazy ant)	do	Do.
Protopulvinaria pyriformis (scale insect).	Persea gratissima (avocado)	Do.
Pseudaonidia articulatus (rufous scale)	Citrus aurantifolia (lime) (2)	Do.
Do	Citrus sinensis (orange)	Do.
Do	Myristica fragrans (nutmeg leaves)	Pennsylvania.
Do	Rosa sp. (rose)	New York.
Pyralid (Epipaschiinae)	Pisum sativum (pea)	Do.
Pyralid (Phycitinae)	Cicer sp. (chick-pea)	Do.
Do	Citrus aurantifolia (lime)	Do.
Pyralid (Pyralinae)	Rheedia lateriflora seeds	District of Columbia.
Syrphid pupae	Citrus aurantifolia (lime)	Florida.*
Targionia hartii (scale insect)	Dioscorea sp. (yam) (10)	New York.
Zabrotes pectoralis (Mylabridae)	Phaseolus sp. (bean seeds) (4)	District of Columbia.
Diseases:		
Colletotrichum gloeosporioides	Mangifera indica (mango)	New York.
Diplodia natalensis	Citrus limonia (lemon)	Do.
VENEZUELA		
nsects:		
Aleurodothrips fasciapennis (thrips)	Citrus sinensis (orange)	New York.
Chrysomphalus aonidum (Florida red scale).	Cycas sp. (sago palm)	Do.
Chrysomphalus aurantii (California red scale).	Cycas sp. (sago palm)	Do.
Lepidosaphes beckii (purple scale)	Citrus sinensis (orange) (3)	Do.
Do	Citrus sp.	California.*
Metoponorthus pruinosus (isopod)	Corm	New York.
Ortalid	Citrus sinensis (orange)	Do.
Pseudaonidia articulatus (rufous scale)	Theobroma cacao (cocoa)	Do.
Pseudococcus citri (citrus mealybug)	Citrus sinensis (orange)	Do.
Disease:		
Actinomyces scabies	Solanum tuberosum (potato)	Florida.*
VIRGIN ISLANDS		
Insects:		
Agromyza sp. (Agromyzidae)	Ipomoea batatas (sweet potato) (seedling).	District of Columbia.
Aspidiotus hederae (ivy scale)	Palm	New York.
Aulacaspis pentagona (West Indian peach scale).	Carica papaya (papaya)	Do.

List, by countries, of pests collected and reported from January 1 to December 31, 1923, inclusive—Continued

Country of origin and name of pest	Host	Intercepted in—
Virgin Islands (continued)		
Insects: (continued)		
Blastobasid	Dioscorea sp. (yam)	New York.
Chaetopsis sp. (Ortalidae)	Saccharum officinarum (sugar cane)	District of Columbia.
Eublemma obliqualis (Noctuidae)	In package with seed pods and sweet potato seedlings.	Do.
Hemichionaspis minor (scale insect)	Ipomoea batatas (sweet potato)	Do.
Lepidosaphes beckii (purple scale)	Citrus aurantifolia (lime)	New York.
Pseudaonidia articulatus (rufous scale).	do	Do.
Pseudococcus bromeliae (pineapple mealybug).	Saccharum officinarum (sugar cane)	District of Columbia.
Pseudococcus citri (citrus mealybug)	Citrus aurantifolia (lime)	New York.
Pseudococcus virgatus (mealybug)	Ipomoea batatas (sweet potato) (2)	District of Columbia.
Targionia hartii (scale insect)	Dioscorea sp. (yam) (4)	New York.
WEST INDIES		
Insects:		
Chrysomphalus aurantii (California red scale).	Citrus aurantifolia (lime)	New York.
Coccus elongatus (scale insect)	Unknown	Do.
Lepidosaphes beckii (purple scale)	Citrus aurantifolia (lime)	Do.
Do	Citrus grandis (grapefruit)	California.*
Do	Citrus sp	New York.
Pseudaonidia articulatus (rufous scale).	Citrus sinensis (orange)	California.*
Do	Citrus sp. (leaves)	New York.
Pseudaonidia trilobitiformis (scale insect).	Citrus sp	Do.
Pseudococcus bromeliae (pineapple mealybug).	Annona muricata (sour sop)	Do.
Diseases:		
Black melanose	Citrus sp	Florida.*
Colletotrichum [illegible] porioides	Mangifera indica (mango)	Pennsylvania.
Diplodia mangostana	Garcinia mangostana (mangosteen)	District of Columbia.

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